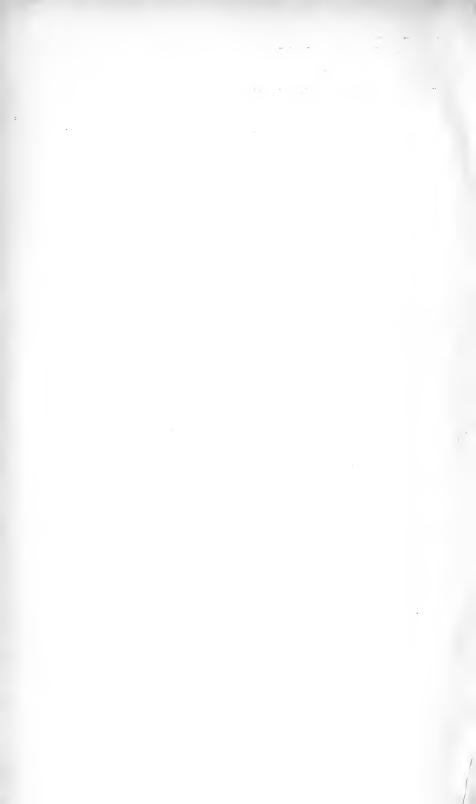


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# The Commonwealth of Passachusetts

# ANNUAL REPORT

OF

# THE TRUSTEES

OF THE.

# WORCESTER STATE HOSPITAL

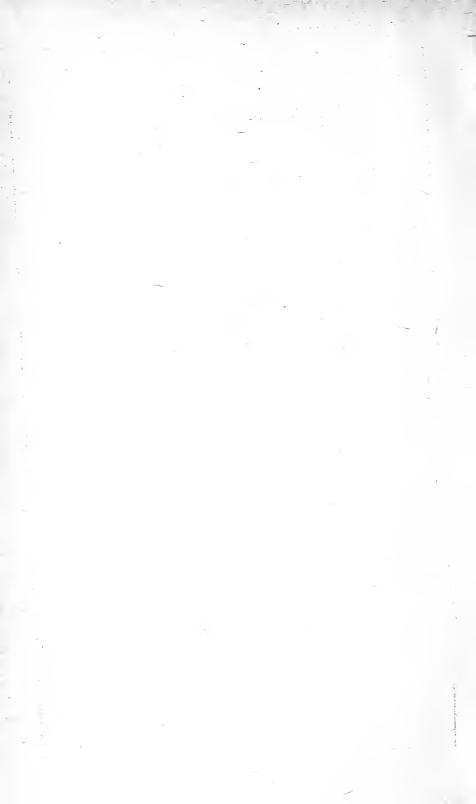
FOR THE

YEAR ENDING NOVEMBER 30, 1920

DEPARTMENT OF MENTAL DISEASES



BOSTON
WRIGHT & POTTER PRINTING CO., STATE PRINTERS
32 DERNE STREET



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# ANNUAL REPORT

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## THE TRUSTEES

OF THE

# WORCESTER STATE HOSPITAL

FOR THE

YEAR ENDING NOVEMBER 30, 1920

Department of Mental Diseases



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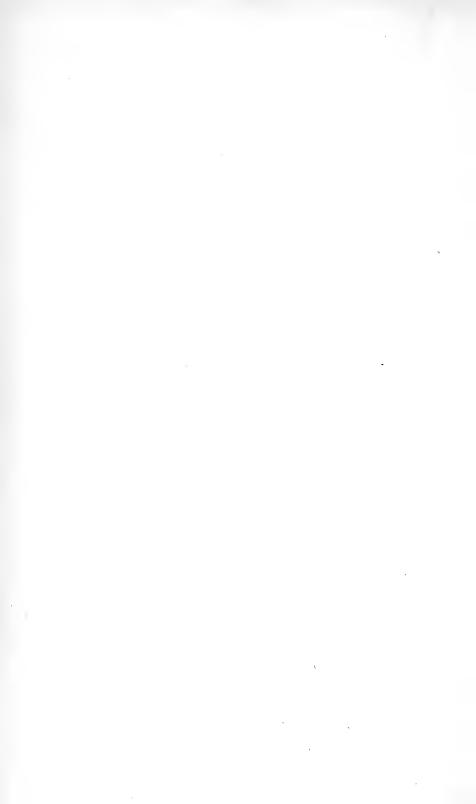
Mass Officials.

Publication of this Document approved by the Supervisor of Administration.

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# OFFICERS OF THE HOSPITAL.

#### TRUSTEES.

Edward F. Fletcher,					Worcester.
JOHN E. WHITE,					Worcester.
John G. Perman, .					Worcester.
LUTHER C. GREENLEAF,					Boston.
CAROLINE M. CASWELL,					Boston.
Mae Carlson,					Worcester.
WILLIAM J. DELEHANTY,					Worcester.

#### RESIDENT OFFICERS.

B. HENRY MASON, M.D., .			Acting Superintendent.
Donald R. Gilfillan, M.D.,			Senior Assistant Physician.
ARTHUR H. MOUNTFORD, M.D.,			Senior Assistant Physician.
ROBERT B. HARRIMAN, M.D.,			Assistant Physician.
WILLIAM J. VIVIAN, M.D.,			Assistant Physician.
Michael J. O'Meara, M.D.,			Assistant Physician.
ROY C. JACKSON, M.D., .			Assistant Physician.
Ada F. Harris, M.D., .			Pathologist.
Elsie I. Richards, R. N.,			Superintendent of Nurses.
MARY M. CATON,			Head Occupational Therapist.
HERBERT W. SMITH,			Steward.
LILLIAN G. CARR,			Matron.
Joseph F. Reynolds, .			Farmer.

#### NONRESIDENT OFFICERS.

JENNIE A. HARRINGTON, .			Social Service Worker.
BURTON W. LORING, D.D.S.,			Dentist.
GEORGE W. PARESEAU, .			Druggist.
Jessie M. D. Hamilton, .			Treasurer.
James Dickison, Jr., .			Engineer.



# The Commonwealth of Wassachusetts

# TRUSTEES' REPORT.

To His Excellency the Governor and the Honorable Council.

The trustees of the Worcester State Hospital respectfully submit their eighty-eighth annual report, with the reports of the acting superintendent and treasurer appended. They ask that careful attention be given the items presented by the acting superintendent, Dr. B. Henry Mason. The trustees deem Dr. Mason most efficient, and believe he has the kind of constructive business ability which make his plans for the increased usefulness of the hospital worth careful thought.

The construction of the new laundry, now nearly completed, will give much better facilities for the industrial work, which is a most valuable factor in the lives of the inmates, but the cold-storage plant and the alterations in kitchen and bakery, to which attention has been called for several years, are still in the future. Fireproof stairs for protection in case of fire are most essential, and we urge the consideration of this necessity. In the Summer Street Department the renovation of the air chambers in the basement should have attention unless this department is to be taken over by the United States in accordance with the following bill, passed at the last session of the General Court:—

Resolved, That the governor and council be authorized to lease to the United States of America, for the use of any department thereof, the land and buildings, or any part thereof, comprising the Worcester State Hospital, for a term not exceeding five years and for such rental as the governor and council may fix; but no person shall obtain a settlement in this commonwealth by reason of his residence at said institution during the period of said lease.

The help situation has been critical at the hospital as elsewhere, but relief seems to be in sight. Many patients have

helped materially in alleviating the shortage. Better salaries should be available, however, to increase efficiency. All departments are in operation, and the various members of the staff have been faithful to the trust imposed upon them. The trustees thank one and all.

It is most fitting to mention the resignation of Miss Georgie A. Bacon of Worcester, chairman of the Board, who has served since 1911, and of Mr. Donald Gordon of Boston, secretary of the Board, who was elected in 1915. Both members were valuable to the hospital, and will be greatly missed by their co-workers.

The present Board will do its best to be of service, but the lack of initiative required and the stereotyped form of work necessarily done reduce the possibility of achievement to the minimum. We respectfully call the attention of His Excellency the Governor and the Honorable Council to the fact that such service is a sacrifice without adequate compensation in accomplishment, and urge the consideration of some plan by which the ability of the various trustees of all similar institutions can be focalized for the advancement of the great and important matter of mental hygiene and its relative subjects.

## Respectfully submitted,

EDWARD F. FLETCHER.
JOHN E. WHITE.
JOHN G. PERMAN.
LUTHER C. GREENLEAF.
CAROLINE M. CASWELL.
MAE CARLSON.
WILLIAM J. DELEHANTY.

Nov. 30, 1920.

## ACTING SUPERINTENDENT'S REPORT.

To the Trustees of the Worcester State Hospital.

I herewith respectfully submit the following report of the hospital for the year ending Nov. 30, 1920, it being the eighty-eighth annual report.

There remained on the hospital books Oct. 1, 1919, 1,873 patients, - 997 men and 876 women. During the year ending Sept. 30, 1920, there were admitted 970 patients, — 506 men and 464 women. Five hundred and seventy-two patients — 331 men and 241 women — were discharged from the hospital. Of this number, 300 patients - 184 men and 116 women were discharged: 233 patients — 143 men and 90 women died; 39 patients — 4 men and 35 women — were transferred, leaving at the end of the statistical year 2,271 patients, — 1,172 men and 1,099 women. One thousand nine hundred and seventy-one patients - 997 men and 974 women - were actually in the hospital. Of this number, 1,769 were supported by the State, 110 by friends, and 92 as reimbursing patients. Of the patients discharged, 65 were reported as recovered, 153 as improved, and 56 as not improved. Twenty-six patients — 17 men and 9 women — were discharged as not insane. Twentyfour women were transferred by the Department of Mental Diseases to the Gardner State Colony; 2 men and 4 women to the State Infirmary; 2 men and 1 woman to the Danvers State Hospital; 3 women to the Foxborough State Hospital; 1 woman to Dr. Wiswall's; 1 woman to the Medfield State Hospital; 1 woman to the Boston State Hospital. Eleven men and 3 women were removed from the State, and 12 men and 11 women were deported.

There remained in the hospital at the end of the year 406 more patients than at the beginning. The smallest number under treatment on any day was 1,571 patients, and the largest, 2,046. The daily average was 1,913.93.

The percentage of recoveries calculated upon the number of discharges and deaths was 11.3; calculated upon the number of admissions, 7.1. In order, however, to make an honest comparison with last year it is necessary to subtract 433, the number of chronic cases received by reason of the absorption of the Summer Street Department, Dec. 1, 1919, from the total number of admissions for the year, which shows a percentage of 12.1, or an increase of .92 per cent over the showing of the preceding year.

The death rate was 8.1 calculated on the whole number of patients under treatment, and 12.1 calculated on the daily average number.

Although there was an increase of 324.83 in the daily average number of patients under treatment over that of 1919, 12 less deaths occurred in the hospital.

Six hundred and seventeen patients were admitted during 1919, and 532 (not including those received by reason of the Summer Street acquisition) the past year, or a decrease in the whole number of admissions of 85.

## Psychoses of First Admissions.

The accompanying table shows there was a total of 371 admitted for the first time during 1920, against 379 for the preceding year (14 of this number, or 3.7 per cent, were suffering from mental disease due to the excessive use of alcohol), and 43, or 11.3 per cent, for the year 1919, or a decrease of 67.5 per cent in the number of alcoholic admissions during the past statistical year. These findings should be convincing evidence that prohibition is a bulwark of mental as well as physical strength for our fellow beings.

There was quite an increase in the number of cases of cerebral arteriosclerosis and general paralysis admitted. Twentysix and one-sixth per cent of first admissions were suffering from dementia præcox, and 6.1 per cent from manic-depressive insanity. There was only 1 case of pellagra admitted during the year. Seven patients — 5 men and 2 women — committed were not insane. The Wassermann reaction on the blood serum was positive in 11.32 per cent of the first admissions.

Psychoses of First Admissions, 1919-20.

		1920.			1919.	
Psychoses.	Males.	Fe- males.	Totals.	Males.	Fe- males.	Totals.
Traumatic,	_	1	1	-	_	_
Senile,	8	25	33	20	24	44
With cerebral arteriosclerosis,	49	27	76	29	4	33
General paralysis,	31	3	34	15	2	17
With cerebral syphilis,	1	1	2	2	-	2
With Huntington's chorea,	1	-	1 .	_	_	-
With other brain or nervous diseases,	-	-	-	1	2	3
Alcoholic,	14	-	14	37	6	43
Due to drugs and other exogenous	-	-	-	-	1	1
toxins. With pellagra,	-	1	1	_	2	2
With other somatic diseases,	1	8	9	5	8	13
Manic-depressive,	8	15	23	7	16	23
Involution melancholia,	3	12	15	4	9	13
Dementia præcox,	63	36	99	61	47	108
Paranoia and paranoic condition, .	3	-	3	_	6	6
Psychoneurosis,	2	6	8	1	1	2
With mental deficiency,	10	7	17	7	5	12
With psychopathic personality, .	5	3	8	1	2	3
Epileptic,	3	3	6	_	1	1
Undiagnosed,	6	8	14	13	11	24
Not insane,	5	2	7	22	7	29

There were 102 men and 55 women, a total of 157 persons, admitted as emergency, temporary-care or observation cases, of which 123 were regularly committed; of the 34 not committed, 6 regained their normal mental poise, 14 were not insane, 5 were discharged improved, 6 not improved, and 3 died.

There have been several criminals admitted during the year. One of these cases was an incorrigible girl received from the Reformatory for Women, who showed no evidence of a psychosis. It should be regarded as most unfortunate that provision has not been made where rational care and treatment could be provided for this class of cases. They are a problem

which should not have to be dealt with by a hospital for the insane.

During the year 28 ex-service men were admitted. The following summary shows their mental classification and environmental states at the end of the statistical year, which shows 50 per cent have been returned to the community. There were 4 soldiers admitted to the hospital as temporary-care or observation cases that were not committed, making a total of 32 admissions. Of those not committed, but for whom satisfactory arrangements were made for their care in the community, 1 was a case of manic-depressive psychosis, one dementia præcox, and 1 psychopathic personality. The fourth was a case of encephalitis lethargica, and died after a residence of five days.

Soldiers and Sailors, 1920	Soldiers	and	Sailors,	1920.
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1		First	Re-		Presi	ENT STA	TUS.
Psychoses.		Ad- missions.	admis- sions.	Totals.	In the Hospital.	On Visit.	Dis- charged.
General paralysis,		-	1	1	1	_	_
Alcoholic,		2	1	3	-	1	2
Dementia præcox,		11	7	18	11	6	1
Mental deficiency,		2	-	2	-	2	-
Psychopathic personality,		1	-	1	-	1	-
Unclassified,		-	1	1	1	-	1
Not insane,		. 1	1	2	1	-	1

#### HEALTH OF THE POPULATION.

The general health of the institution has been good. There were 2 sporadic cases of parotitis, and 3 of varicella, among the employees. One attendant, who had been in the service of the hospital nearly a year, died, after a comparatively short illness, of tuberculosis of the stomach and liver. A male patient suffering from manic-depressive psychosis, who had experienced recurring attacks of depression and excitement, had apparently recovered from a disturbed period and was under consideration for dismissal from the hospital when he committed suicide by hanging. A female patient died from asphyxiation resulting from laryngeal obstruction by a bolus of cake which

she appropriated in the dining room. Both these deaths were investigated by the medical examiner and Dr. Myrtelle M. Canavan of the Department of Mental Diseases.

### PRINCIPAL CAUSES OF DEATHS.

Twenty-nine and one-tenth per cent of all deaths were due to arteriosclerosis and cardiovascular renal disturbances; 21 to pneumonia;  $16\frac{1}{10}$  to syphilis of the central nervous system; and  $2\frac{1}{10}$  to pulmonary tuberculosis.

#### STAFF CHANGES.

The following changes have taken place on the staff of the institution:—

Dr. George K. Butterfield, senior assistant physician, and Dr. Michael J. O'Meara, assistant physician, formerly on the staff of the Grafton State Hospital, stationed at the Summer Street Department, became members of our staff Dec. 1, 1919.

Dr. Roy C. Jackson, a former member of the staff, returned to the service Dec. 1, 1919.

Dr. George K. Butterfield was transferred to the Danvers State Hospital July 10, 1920, and Dr. William J. Vivian was transferred from the main hospital to fill the vacancy.

Several vacancies still remain unfilled.

Miss Alice M. Flint resigned Oct. 7, 1920, to accept the position as head dietitian at St. Luke's Hospital, New Bedford, beginning at a salary considerably more than we could offer her. Miss Gladys E. Johnson was appointed head dietitian Nov. 1, 1920, to fill the vacancy.

Five third-year medical students served as internes during the summer:—

Miss India Hunt of the Women's College of Pennsylvania, from June 24, 1920, to Aug. 18, 1920.

Miss Sarah Mu Jin Ching of the Women's College of Pennsylvania, from June 24, 1920, to Sept. 29, 1920.

Mr. Charles H. Griffin of Tufts Medical College from June 1, 1920, to Sept. 4, 1920.

Mr. Leo V. Conlon of Tufts Medical College from June 1, 1920, to Sept. 4, 1920.

Mr. John J. Dunphy of Harvard Medical College from June 28, 1920, to Sept. 4, 1920.

Arrangements have been made with Miss Marjorie Bates, a student at Clark University, to do the psychological work for the hospital during her college year.

#### MEDICAL AND PSYCHIATRIC WORK.

During the year 238 staff meetings were held at which 687 cases were presented. The same routine has been observed in the presentation of patients, and at the literature and laboratory conferences, as was described in last year's report. The several vacancies on the staff led to the greatest amount of our energy being consumed in the performance of the necessary routine work of both the clinical and pathological departments. However, our assistants deserve credit for the conscientious manner in which they have cared for over 532 admissions, a daily population of nearly 2,000 patients, and 97 autopsies. Five papers have been prepared. An increasing amount of clinical work has been carried on through our out-patient department; and through the co-operation and assistance of the superintendent of schools, Mr. Thomas F. Gibbons, a mental clinic was established in Clinton during the month of October. The work of the pathological department is given in detail in the report of the pathologist, which is appended.

The rapid progress made in psychiatry the past few years by systematic study and research, and the general recognition which it received during the late war, places it on a scientific plane equivalent to medicine and surgery. In order to meet the responsibilities and maintain the prestige as one of the major departments of the healing art, it is imperative that conditions should be so effected that it will be possible to secure and organize a staff of competent workers that will be energetic and skillful in making complete observations and examinations of living patients; scientific correlation of the clinical and pathological findings; and a force in teaching and promulgating the principles of mental health. It may be possible to demonstrate the modus operandi of cures when we have become more enlightened and skilled in the therapy and pathology of the endocrine disturbances, but I would venture to

suggest that in the field of mental hygiene the greatest strides in psychiatry will be made in the immediate future by coming more directly into daily contact with the community through closer and better co-operation with the dispensaries, general hospitals, social agencies, neurologists and the psychologists. We must be ever cognizant of the fact that hospitals offer opportunities which private practice can never afford. For this reason it would appear that it becomes the duty of the State and of us, as public servants, to offer inducements that will encourage undergraduates and physicians to avail themselves of the advantages of State hospital work and affiliation.

#### Syphilitic Clinics.

The treatment of syphilitic patients, showing involvement of the central nervous system, has been carried on by Dr. Ada F. Harris.

Three weekly clinics have been held, 2 at the Summer Street Department and 1 at the main hospital. Sixty-nine patients received treatment, 1,298 intravenous injections of arsphenamine, 573 intramuscular injections of mercury salicylate, and 7 intraspinous injections of arsphenimized serum being given.

All of the cases of paresis have been in the latter stages of the disease, where little can be anticipated from treatment except to make the patient less destructive or excited, and a more comfortable hospital case. Four patients improved to such an extent they were able to go out on visit and report weekly for treatment. The following table will show diagnosis and disposition of cases, and emphasizes the fact that diagnosis of syphilis should be made early, and thorough treatment given before the disease has ravaged the central nervous system:—

200000000000000000000000000000000000000	Men	Women Total	Total	Wassermann.		Gold	Serological Improved.			Eloped.	Dis-	Im- proved	Died.	Re- maining
				Blood.	Spinal.	Cloba- lin.	Blood.	Spinal.	proved.		charged.	Visit.		na Hos- pital.
General paralysis,	34	7	41	+	+	+	10	63	~	1	4	4	7	56
Cerebrospinal syphilis,	c1	ı	6.1	+	+	+	1	1		1	1	1	1	1
Congenital syphilis,	ı	61	¢1	+	+	+	1	1	-	ı	ı	1	ı	61
Tabes,	1	ı	-	+	+	+	_	1	1	1	ı	1	ı	ı
Alcoholic hallucinosis,	-	-	C.5	+	ı	ı	6.1	1	ı	6.1	ı	1	1	ı
Dementia præcox,	co	1-	10	+	ī	ı	22	ı	1	ı	1	1	1	10
Manic-depressive,	1	ų	1	+	1	ı	-	ı	ı	ı	ı	1	ı	1
Imbecile,	1	9	9	+	1	ı	4	1	1	1	1	1	1	9
Unclassified,	-	1	-	1	ı	ı	1	ı	1	ı	1	1	ı	1
Not insane,	61	1	61	+	I	ı	2	ł	ı	ı	ı	1	1	ı

Stimulated by a philanthropic motive to be of the greatest possible service to those unfortunate fellow beings suffering with a loathsome disease, and who, without skillful and intensive treatment, have a life expectancy of about three years, during which they must pass through a period of increasing degradation, when the citadel of reason and physical strength will be seen to totter and finally succumb to death, arrangements have been made for a representative of the hospital to visit the venereal clinic which is held at the City Hospital, outpatient department, at least once a month, in the capacity of a consultant. By this arrangement, which will aid the officers of the clinic in effecting a complete routine neurological and serological examination of the cases, those having early involvement of the central nervous system will be detected, and the progress of the disease checked in its incipiency by the administration of specific treatment according to the individual requirements of the case.

## OCCUPATIONAL AND INDUSTRIAL THERAPY.

We were fortunate to secure the services of Miss Mary M. Caton on Nov. 1, 1920, as head occupational therapist. For nearly two years she was in the United States Army, engaged in reconstruction and occupational work.

The arrangement of the work in this department as organized at the present time consists of three main divisions, — arts and crafts, diversional activities, and re-education or habit forming.

The vocational instructor consults with the physicians relative to the early selection of cases and the type of work best suited to the patient. Many of the patients go to the male and female industrial rooms, and classes are also held on the various wards; among the acute cases this requires much individual attention. Idleness is even more conducive to mental, moral and physical deterioration in the individual who is mentally deranged than in the person with a normal psychological rating. Wholesome exercise and employment, which serves to stimulate the functions of the body, is an essential requisite for all beings.

Miss Julia Cooper, R.N., who has been in charge of the work in the female department, and Mr. Fred Corkum of the male department deserve mention for the creditable manner in which they have carried on the work the past year.

Our annual Christmas exhibition and sale attracted an unusually large attendance.

#### Social Service.

Miss Jennie A. Harrington has demonstrated a great capacity for work and untiring effort by her activities in this department of the hospital, which is much too large for one person to cope with satisfactorily. The assistance of another field worker and a volunteer worker are urgently needed to meet the demands of the institution. Miss Harrington's report is appended.

### Training School.

The administrative duties and guidance of the work in the school has continued under the successful supervision of Mrs. Elsie I. Richards, who has experienced difficulties at times, owing to the lack of qualified applicants to fill vacancies, and our inability to offer sufficient inducements to retain many of our graduates in the service. All members of the intermediate class were sent to the Boston City Hospital for their affiliating work, and the curriculum somewhat increased.

A class of 7 seniors was graduated Oct. 30, 1920. After the exercises, a reception and dance was held for the class and their friends. The resignation of Miss Jennie C. Putnam, assistant superintendent of nurses, who had shown both energy and efficiency as an instructor, was accepted with regret. The vacancy was filled by the appointment of Mrs. Merle Maulsbury, a graduate of the Memorial Hospital of Worcester.

## HYDROTHERAPY AND ELECTROTHERAPY.

The hydrotherapeutic department has been active under the supervision of a married couple experienced in nursing and hydrotherapy. All treatment is carried out in accordance with a prescription written by the physician in charge of the case.

The wall plate and portable apparatus have been of service in a few cases during the year.

Dr. Arthur H. Mountford has done the X-ray work and kept the records of that department. He reports that 17 fluoroscopic examinations have been made and a total of 37 treatments for epithelioma given to three patients. One hundred and five skiagraphs were taken, as follows:—

Hip,				3	Teeth,			16
Wrist,				3	Shoulder, .			5
Foot,				9	Chest,			22
Head,				11	Pituitary, .			12
Knee,				6	Bullet wound,			1

The need and importance of a Roentgen ray examination of many of our admissions as an aid in ascertaining the cause, making a diagnosis and prescribing treatment is plainly evident, but the pressure of routine duties would not permit of more time being given to this work.

#### Dentistry.

Our dentist, Dr. Burton E. Loring, has visited the main hospital one day a week, and reports the following work done:—

Extractions,												517
Amalgam fill	ings	,								·*.		77
Cement,												52
Treatment as	nd to	emp	ora	ry fil	lings	, .						67
Bridges set,												9
Cleanings,												153
Examination	of p	atie	$_{ m nts}$	for	whon	no	work	wa	s doi	ne,		192

The dental needs of the patients at the Summer Street Department have been attended by Dr. A. J. Harpin. During the year 400 patients were examined and the following work done:—

Silver and cement fillings, .					101
Gums treated and teeth cleaned,					160
Teeth and roots extracted, .					95
Sets of teeth made,					
Sets of teeth repaired,					4

#### EMPLOYEES.

The general prosperity of the country, which made it possible during the early part of the year for the more desirable persons to obtain work that was more congenial and better paid, led to much difficulty in obtaining a sufficient number of employees to properly carry on the work of the different departments. There was an average shortage during the year of 26.2 per cent, but the situation was the most acute during the month of June, when there was only 65.1 per cent of our normal quota of employees on the pay roll. A gradual increase in the amount of work and our inability to fill vacancies made the burdens of the clerical force unusually hard. Although quite a material increase in wages was made by the adoption, the first of June, of the new schedule recommended by the Department of Mental Diseases, but little relief was experienced until the beginning of the business recession which is now making itself felt. This, together with the approach of winter, has made it possible to exercise more care in the selection of the applicants for positions, with a corresponding improvement in discipline and the character of the services rendered.

## FARM AND GARDEN.

Although our head farmer was seriously handicapped during the spring and early summer by the extreme shortage of labor, which could not be entirely compensated by increasing the number of patients employed in that department, the year has been a successful one. Owing to the dry season, and perhaps to some lack of sufficient care, the ensilage and potato crops were below normal. There were \$14,076.57 worth of garden produce raised; \$7,662.50 of hay, ensilage and green fodder; and 1,064 bushels of sweet corn. The dairy herd produced 364,393 quarts of milk and 8,967 pounds of beef; 25,976 pounds of pork were dressed. The poultry department furnished the institution with 2,755 pounds of dressed fowl, 45,939 eggs, and 56 pounds of duck. The cattle were tested for the presence of tuberculosis this fall by a representative of the Bureau of Animal Industry, and those condemned disposed of. About 2 acres of land were cleared. A ditch about 700 feet long was dug to drain a section of the large field on Belmont Street, and a large trench,  $2\frac{1}{2}$  feet wide and over 5 feet deep, extending from Plantation Street to and back of the hospital, a distance of 1,800 feet, for our additional water supply, was dug by disturbed male patients under the supervision of two attendants.

#### REPAIRS AND IMPROVEMENTS.

The results of the reorganization and consolidation of the various units of the repair department made last year have been satisfactory from both an economical and efficient point of view. The renovation and remodeling of Wheeler Cottage No. 2, so that it will furnish very desirable accommodations for two of our employees and their families, is nearly completed. A milk room and pasteurizing plant have been built and are now ready for the installation of the machinery. The dormitory at our Hillside Farm was painted outside and inside, the farm house inside and also the new hog house. Four wards at the main building were painted, and all the toilets, bathrooms and clothes rooms in the Appleton section. The iron grill work and woodwork of the Woodward roof exercise space were repaired and painted, also two automobiles and two trucks. electric motor was installed in place of the old gasoline engine for the pump at Hillside Farm. During the month of April all useful laundry machinery and equipment was removed from the Summer Street Department and installed at the main hospital, where all laundry operations are now carried on. Individual motors were installed for the bread and cake mixers in the bakery, and for the potato peeler, meat chopper and icecream freezer. The governor wheel of one of the engines was rebored, the settings of 7 boilers were repaired and a new boiler feed pump installed. In addition, a large amount of repair work has been done on the wards and various departments of the institution by the carpenters, painters, steam fitter, mason, plumbers and electrician.

The severe weather of last winter made it necessary to make quite extensive repairs on the slate, valleys, metal vents, skylights, copings, etc., of the roofs of the various buildings.

With the exception of the steam fitting, plumbing, electric wiring and painting done by the hospital mechanics, the work

of building the addition and making alterations on the laundry, for which a special appropriation was received, was let to a general contractor, and I am pleased to report is well under way to completion.

The new cottage for 30 patients at Hillside Farm was occupied early in the year.

#### REQUIREMENTS.

I desire to call to your attention the pressing needs of special appropriations for the erection of a cold-storage building and storehouse, for alterations on the kitchen and bakery, and for fireproof stairways, as outlined in the report of last year. Among other wants of the institution, less urgent but desirable, are a congregate dining room, the installation of a sprinkler system for the attics, and the elevation of the Washburn roof, which would afford provision for a very satisfactory ward for the accommodation of about 20 patients.

At the Summer Street Department the fire hazard which exists, due to the present condition of the old heat shaft in the basement, makes it imperative that an appropriation should be granted in order to efface an ever-threatening catastrophe.

The present engine room, which does not well meet our present needs, is in need of extensive repairs, and the refrigerating apparatus which has been in operation over seventeen years is completely worn out. I would therefore respectfully call to your attention that by building a new engine room as planned when the boiler house was erected, the old engines and dynamos could be used, and the installation of a new ice machine of 8-ton capacity would be sufficient for our needs in the kitchen, and also furnish refrigeration for a mortuary.

#### Amusements.

The weekly dances, motion-picture shows, Saturday afternoon parties and miscellaneous entertainments have been held in the chapel. Several new phonograph records have been bought and a new machine provided at the Summer Street Department.

### Miscellaneous.

Regular religious services have been held at both the main hospital and the Summer Street Department.

We wish to thank the publisher of the "Fitchburg Sentinel" for copies of his paper, and the Royal Worcester Corset Company for magazines.

I desire to express my appreciation to all employees who have been faithful and efficient in the performance of their duties, and to your Board for the ever-ready advice and counsel in dealing with the affairs of the institution.

B. HENRY MASON,

Acting Superintendent.

Nov. 30, 1920.

# REPORT OF THE SOCIAL SERVICE DEPARTMENT.

To the Acting Superintendent.

I herewith respectfully submit the following report of the social service department for the year ending Nov. 30, 1920.

The work has been carried on during the year very much as outlined in last year's report. The following table shows the number and nature of cases handled during the year:—

			Ho Vis		Work.	istories.	Inves		F		ING-OU ENTS.	т
			Patient.	Relatives.	Social Case	Securing IIi	Home.	Others.	Visits.	Płaced.	Replaced.	Returned.
Male, .			24	36	3	53	12	12	_	_	-	_
Female,	. •		76	24	40	31	30	24	111	3	-	10
Total,			100	60	43	84	42	36	111	3	-	10

In addition to the above table, 34 soldier cases have been considered. All ex-service men are referred to the local Red Cross chapter, who attend to all matters of guardianship, insurance, compensation, etc. All social service problems of soldiers are handled by the social service department. Suitable employment has been secured for 9 patients.

The charitable agencies, overseers of the poor, police departments and churches in various communities have all been very co-operative, and have come to our aid when assistance was desired.

During the year there have been introduced in all the State hospitals of Massachusetts new social service folders and new forms for monthly statistical reports. The social service record in the new folder is filed with the medical record. On the outside of the folder are recorded the social data of the patient, thus enabling the physician or social worker at a glance to get the outstanding social factors of the case. The statistics show the true volume of the work of the department, and help tell the story of what the department is doing and its policies.

This department is unable to develop the work, or to do as thorough work as desired, because of only one worker in the department. The territory covered is extensive, including Worcester, Middlesex and part of Suffolk counties. One hundred and ninety-three patients are on visit, and are to be visited at least once during the year. Forty-eight of the patients on visit need special supervision, and often serious family difficulties must be adjusted. The number of investigations and histories to be secured by the department demand much time. It is hoped that at least one more worker may be added during the year.

This department strives never to forget that social service means personal service in every sense of the word.

JENNIE A. HARRINGTON,

Social Worker.

Nov. 30, 1920.

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# LABORATORY REPORT.

To the Acting Superintendent of the Worcester State Hospital.

The following report of the laboratory work for the year ending Nov. 30, 1920, is respectfully submitted:—

Clinical Work.

#### Urine analyses, . 1.207 Cerebrospinal fluid examinations, . 97 Sputums, . 56 Blood cultures, . 3 Blood counts, . . 27 Blood smears for malaria, 2 4 Throat cultures, 8 Gastric contents, 1 Smears: cervix and vagina, . . . 33 Autogenous vaccine, . . . 7 Animal inoculation, . 2 Post-mortem smears and cultures, 57

Histologic examinations have been made of 10 autopsied cases, 2 of which are being studied in detail with various stains.

Surgical tissue, . . . . . .

Eight laboratory staff meetings were held during the year, at which meetings cases were presented by the pathologist, and one each by student internes on cases assigned to them and prepared under supervision of the pathologist.

Work in the laboratory has progressed with difficulty, as no technician or stenographer has been available, with the exception of two months during the year, and the stenographic records as well as the clinical work and arsphenamine treatments have fallen to the lot of the pathologist.

Ninety-seven autopsies, being 39 per cent of the deaths, have

been performed, with the following psychiatric and major anatomical diagnoses: -

Psychoses: —											
Dementia præcox: -	_										
Hebephrenic,											
Paranoid											
Catatonic, .											
Manic-depressive: -											
Manie, .											
Depressed,	•										
General paralysis,											. 1
Epilepsy,										-	
Senile: —	•		•	•	•		•	•	•	•	•
											. 1
Simple, . Presbyophrenic		•							•	•	
Paranoid, .	,	•	•						•		•
Depressed and a		امدا			•						•
	agna	tea,		•	•	•	•	•	•		•
Alcoholic: —											
Acute hallucino									•		
Deterioration,	٠			•			•		٠	٠	
Korsakow's psy	chosi	ıs,		٠			٠		٠		
With cerebral arteric With constitutional	oscle	rosis,	,								. 2
With constitutional	infer	iorit	у,					•			
With Huntingdon's	chore	ea,									
Involutional melanc	holia	,									
Unclassified, .											
•											
Total,											. (
The major anat											
Ļobar pneumonia, Broncho-pneumonia	•	٠.	•	•				•	•		. 2
Broncho-pneumonia	(teri	nina	1),	٠.			•		٠		
Broncho-pneumonia	and	facia	ıl er	ysipe	las,						
Broncho-pneumonia											
Empyema, Pulmonary tubercul											
Pulmonary tubercul	osis,										
Tubercular meningit	tis an	d pe	rito	nitis,							
Cerebrospinal menin	ngitis	wit	h p	yelor	ephr	itis	and	cyst	itis	(pne	ı-
mococci), . Acute encephalitis,											
General paralysis,											
General arteriosclero	osis.										
Cerebral hemorrhage	e fror	n rui	otur	e of	cereb	ral a	neui	rism.			
Carobral homorrhage											

28	WORC	ESTE	R-S'.	ГАТ	E E	IOSI	PIT.	AL.		[	Dec.
Coronary o	occlusion with	arterio	oscler	osis,							2
	femur with a										1
	ular-renal,										15
Cardiovase	ular-renal wi	th fract	ure o	f ribs							1
	ular-renal wi										1
	carditis, .										1
Embolism	with acute er	docard	itis.								2
	oticæmia,										3
	septicæmia,										1
	itis with stor										1
	of pylorus a										1
	of cæcum, ru										1
	of rectum ar										1
	of duodenun										1
	irrhosis of liv										
	bstruction d										
	hanging, .										
Asplyviation	on by food in	loryny	and	hrone	hi		•		•	•	1
	exhaustion,										
Catatomic e	Maustion,		•				•		•		1
Total,											97

A. F. HARRIS,

Pathologist.

Nov. 30, 1920.

# VALUATION.

Nov. 30, 1920.

					ESTAT					
Land (589 acres),									\$402,600	00
Buildings,										
									\$2,566,006	96
		P	ERSO	$_{ m NAL}$	Prop	ERT	Y.			
Travel, transportat	ion a	ınd	office	sup	plies,				\$10,516	52
Food,									24,005	20
Clothing and mater									34,350	62
Furnishings and ho	useh	old	suppl	lies,					155,108	78
Medical and genera									13,167	
Heat, light and pov									3,727	
Farm,									2,140	
Stable and garage,									7,431	
Repairs,									9,194	
									\$259,642	18
			S	SUMM	ARY.					
Real estate, .									\$2,566,006	96
Personal property,										
									\$2,825,649	14

### TREASURER'S REPORT.

To the Department of Mental Diseases.

I respectfully submit the following report of the finances of this institution for the fiscal year ending Nov. 30, 1920:—

Cash Account.	
Balance Dec. 1, 1919,	\$622 53
Receipts.	
Institution Receipts.	
Board of inmates:—	
Private	13
Reimbursements, insane, 47,868 1	
itembursements, made, 41,303 i	- \$89,379 \$4
Sales: —	- 409,019 O±
Travel, transportation and office ex-	
penses,	.5
Food, 320 3	8
Clothing and materials, 174 2	20
Furnishings and household supplies, . 275 7	
Medical and general care, 114 1	
Heat, light and power,	
Farm and stable:—	
Cows and calves, . \$574 42	
Hides,	
Vegetables, 305 38	
Use of teams, 92 25	
Sundries, 10 00	
1,100 0	
Grounds,	
Repairs, ordinary,	.0
Industries, 1,152 6	3
Missellander	- 3,397 46
Miscellaneous receipts: —	p===
Interest on bank balances, \$1,114 3	
Rent,	
Sundries,	
***************************************	2,010 01
	95,120 67
Receipts from Treasury of Commonwealth.	
Maintenance appropriations: —	
Balance of 1919,	
Advance money on hand November 30 (regula	
\$45,000; temporary account of October schedul	
\$32,000),	. 77,000 00
Approved schedules of 1920,	. 540,286 30 ,
	656,614 18
Special appropriations,	
Total,	\$784,130 78

		Payme	ents.					
To treasury of Commonwealth:	_							
Institution receipts,						\$95,120 67		
Refunds account of maintenan	.ce,					33 86		
						<del></del>	\$95,154	53
Maintenance appropriations: —					٠			
Balance November schedule, 1	919,					\$39,950 41		
Balance November schedule, 1 Eleven months' schedules, 192	0, .	. \$	585	,431	88			
Less returned,				33	86			
					_	585,398 02		
November advances,						27,762 24		
					-		653,110	67
Special appropriations, approved	sche	edules,					31,773	40
Balance Nov. 30, 1920: —								
In bank,						\$3,742 33		
In office,						349 85		
	•	•	•	•			4,092	18
Total,			٠	•	٠		\$784,130	78
·	MA	INTEN	ANC	E.				
Balance from previous year, brou	ıght	forwar	d,				\$2,402	50
Appropriation, current year, .							767,400	00
Total,							\$769,802	50
Expenses (as analyzed below), .							677,295	88
Balance reverting to treasur	y of (	Comm	onw	ealtl	1,		\$92,506	62
4	oo ee To	sis of .	E					
Personal services: —	пану	sis oj .	E.Up	ense	S .			
B. Henry Mason, acting super	inter	dent				\$2,760 00		
Medical,				•	•	12,048 87		
Administration,					Ţ,	17,471 60		
Kitchen and dining-room servi			Ċ	Ċ	·	11,339 42		
Domestic,				•	•	27,181 22		
Ward service (male),						43,887 90		
Ward service (female),	•	•	•	•	•	44,228 80		
Industrial and educational dep			٠			2,593 98		
Engineering department, .				•		2,595 98		
Repairs,					٠	14,061 42		
Farm,			٠	٠	٠	10,243 05		
Stable, garage and grounds, .		•			٠	3,867 85	\$217,236	21
The little of th								
Religious instruction: —						01 000 00		
Catholic,		. •		-	٠	\$1,200 00		
Hebrew,			٠			260 00		
Protestant,	٠			٠	•	385 00	1,845	00
							1,010	-
$Amount\ carried\ forward,.$							\$219,081	21

$Amount\ brought\ forward,$									\$219,081	21
Travel, transportation and office	ce ex	pens	ses:-	_						
Advertising.							\$420	18		
Advertising, Postage,	•	•	•	•			591			
Printing and hinding	•						772			
Printing and binding, . Printing annual report, . Stationery and office supplie		•					900	0.1		
Frinting annual report, .	•	•			•		1 790	0.5		
Stationery and office supplie	s,	•				•	1,730	60		
Telephone and telegraph,	•	•				٠	1,833	31		
Travel,		•		٠		٠_	1,730 1,833 1,521	29	7,137	51
E. I									7,107	91
Food: —										
Flour, Cereals, rice, meal, etc., Bread, crackers, etc., Peas and beans (canned and	•	•					\$25,531			
Cereals, rice, meal, etc.,							7,348			
Bread, crackers, etc., .							781			
Peas and beans (canned and	drie	d),					4,741	93		
Macaroni and spaghetti,							1,322	49		
Potatoes,							12,400	13		
Meat.							48,822	03		
Meat, Fish, (fresh, cured and cannot	ed)	•	•			•	6,483			
Butter,					•	•	7,088			
							14,367			
						٠	,			
						٠	2,501			
							1,008			
							1,798			
Tea,							797	05		
Cocoa,							234	13		
Whole milk,							106	97		
Milk (condensed, evaporated	l. etc	e.).					2,801	03		
Eggs (fresh),	.,	,,					12,043			
Egg powders, etc.,	•	•	•				1,433			
Eugen (cons)							10,858			
Sugar (cane),										
Fruit (fresh),		•					1,489			
Fruit (dried and preserved),							7,381			
Fruit (fresh), Fruit (dried and preserved), Lard and substitutes, . Molasses and syrups,							3,066			
Molasses and syrups, . Vegetables (fresh), Vegetables (canned and drie							2,550			
Vegetables (fresh),							687			
Vegetables (canned and drie	d),						799	73		
Seasonings and condiments,							1,097	12		
Yeast, baking powder, etc.,							489	27		
Sundry foods,							547			
and y roods,		•							180,580	82
Clothing and materials: —										
							\$5,862	00		
Boots, shoes and rubbers,										
Clothing (outer),							7,950			
Clothing (under), Dry goods for clothing, .							2,247			
Dry goods for clothing, .							5,711			
Hats and caps,							194	78		
Leather and shoe findings,							340	61		
Hats and caps, Leather and shoe findings, Socks and smallwares, .		:					340 1,925	41		
						_			24,233	16
Furnishings and household sup	mlies	·								
Rode hodding etc	Pires	J.					\$14.052	80		
Beds, bedding, etc., Carpets, rugs, etc., .		•		*	•		660'£16	4.1		
Carpets, rugs, etc., .			٠	•			904	4.4		
Amounts comind former							211.059	22	\$431,032	70
Amounts carried forward,		•					\$14,598	99	\$201,102	10

Amounts brought forward,	\$14,98	58 33 \$431,032 70
		00 00 \$101,002 10
Furnishings and household supplies — Con.	• 0	a= 00
Crockery, glassware, cutlery, etc.,		35 83
Dry goods and smallwares,		58 75
Electric lamps,		24 66
Fire hose and extinguishers,		97 61
Furniture, upholstery, etc.,		84 29
Kitchen and household wares,		30 98
Laundry supplies and materials,		90 66
Lavatory supplies and disinfectants,		82 73
Machinery for manufacturing,	81	15 56
Machinery for manufacturing, Table linen, paper napkins, towels, etc., .	3,86	81 88
		38,601 28
Medical and general care: —		
Books, periodicals, etc.,	\$4	45 93
Entertainments, games, etc.,	1,80	07 45
Funeral expenses,		25 00
Gratuities,		86 81
Ice and refrigeration,		78 35
Laboratory supplies and apparatus,		85 34
Manual training supplies,		64 03
Medicines (supplies and apparatus),		14 87
Medical attendance (extra),		05 88
The second secon	· ·	38 79
	· ·	18 15
Return of runaways,		
Tobacco, pipes, matches,		76 65 13 82
Water,	7.9-	13. 82
	,	
		23,921 07
Heat, light and power:—		
Heat, light and power:— Coal (bituminous),	. \$67,6	23,921 07
Coal (bituminous),	\$67,6	23,921 07
Coal (bituminous),	. \$67,6	23,921 07 47 15
Coal (bituminous),	\$67,6 3.	23,921 07 47 15 51 29
Coal (bituminous),	\$67,6 3 22,00	23,921 07 47 15 51 29 61 28 21 73
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite),	\$67,6 3. 22,0 6,93	23,921 07  47 15 51 29 61 28 21 73 39 93
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood,	. \$67,6 . 3 . 22,0 . 3 . 6,9	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas	. \$67,6 . 3 . 22,0 . 3; . 6,9; 6	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 81 54
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas	. \$67,6 . 3 . 22,0 . 3; . 6,9; . 1; . 8;	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 81 54 34 21
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas, Oil,	. \$67,6 . 3. . 22,0 . 3: . 6,9; . (6) . 1;	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 61 54 34 21 93 23
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas	. \$67,6 . 3. . 22,0 . 3: . 6,9; . (6) . 1;	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 61 54 34 21 93 23 92 74
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas, Oil, Operating supplies for boilers and engines,	. \$67,6 . 3. . 22,0 . 3: . 6,9; . (6) . 1;	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 61 54 34 21 93 23
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas, Oil, Operating supplies for boilers and engines,	. \$67,6 . 3. . 22,0 . 3: . 6,9; . ( . 1! . 8: . 66	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 61 54 34 21 93 23 92 74 99,393 10
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas, Oil, Operating supplies for boilers and engines,  Farm: — Bedding materials,	. \$67,6 . 3. . 22,00 . 33 . 6,93 . 13 . 56 . 33	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 81 54 34 21 03 23 92 74 99,393 10
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas, Oil, Operating supplies for boilers and engines,  Farm:— Bedding materials, Blacksmithing and supplies,	. \$67,6 . 3. . 22,00 . 33 . 6,99 . 11 . 86 . 39	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 81 54 34 21 03 23 92 74 99,393 10
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas, Oil, Operating supplies for boilers and engines,  Farm:— Bedding materials, Blacksmithing and supplies, Carriages, wagons and repairs,	. \$67,6 . 3. . 22,00 . 3. . 6,93 . 18 . 86 . 33 . \$6	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 81 54 34 21 03 23 92 74 99,393 10  92 64 63 22 40 80
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas, Oil, Operating supplies for boilers and engines,  Farm: Bedding materials, Blacksmithing and supplies, Carriages, wagons and repairs, Dairy equipment and supplies,	. \$67,6 . 22,00 . 33 . 6,93 . 15 . 86 . 30 . \$66 . 31 . \$60 . 31 . \$60 . 31 . \$60 . 31 . \$60 . 31 . 32 . 33 . 34 . 35 . 36 . 36	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 81 54 84 21 32 23 99,393 10  92 64 63 22 40 80 78 34
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas, Oil, Operating supplies for boilers and engines,  Farm:— Bedding materials, Blacksmithing and supplies, Carriages, wagons and repairs, Dairy equipment and supplies, Fencing materials,	. \$67,6 3 22,0 3: . 6,9: . 11: . 8: . 66 . 33: . 14 \$6	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 81 54 34 21 03 23 92 74 99,393 10  92 64 63 22 40 80 78 34 04 00
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas, Oil, Operating supplies for boilers and engines,  Farm:— Bedding materials, Blacksmithing and supplies, Carriages, wagons and repairs, Dairy equipment and supplies, Fencing materials, Fertilizers,	\$67,6 22,0 3: 6,9: 1: 8: 66 33: \$6 1- 1,5 1,7	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 81 54 34 21 03 23 92 74 99,393 10  92 64 63 22 40 80 78 34 04 00 25 32
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas, Oil, Operating supplies for boilers and engines,  Farm:— Bedding materials, Blacksmithing and supplies, Carriages, wagons and repairs, Dairy equipment and supplies, Fencing materials, Fertilizers, Grain, etc.,	\$67,6 22,0 3: 6,93 1: 86 33 \$6 1,5 1,7 22,9	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 61 54 34 21 93 23 92 74 99,393 10  92 64 63 22 40 80 78 34 00 25 32 32 68
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas, Oil, Operating supplies for boilers and engines,  Farm:— Bedding materials, Blacksmithing and supplies, Carriages, wagons and repairs, Dairy equipment and supplies, Fencing materials, Fertilizers, Grain, etc., Hay,	. \$67,6 . 3. . 22,0 . 3: . 6,93 . 15 . 56 . 33 . 10 . 1,5 . 22,9 . 1,7	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 81 54 34 21 03 23 92 74 99,393 10  92 64 63 22 40 80 78 34 00 25 32 32 68 49 30
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas, Oil, Operating supplies for boilers and engines,  Farm: — Bedding materials, Blacksmithing and supplies, Carriages, wagons and repairs, Dairy equipment and supplies, Fencing materials, Fertilizers, Grain, etc., Hay, Harnesses and repairs,	\$67,6 22,00 33 6,99 15 66 33 11 1,5 22 1,77 22,9 9,2	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 81 54 34 21 03 23 92 74 99,393 10  92 64 63 22 40 80 78 34 04 00 04 00 25 32 32 68 49 30 48 85
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas, Oil, Operating supplies for boilers and engines,  Farm:— Bedding materials, Blacksmithing and supplies, Carriages, wagons and repairs, Dairy equipment and supplies, Fencing materials, Fertilizers, Grain, etc., Hay,	\$67,6 22,00 33 6,99 15 66 33 11 1,5 22 1,77 22,9 9,2	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 81 54 34 21 03 23 92 74 99,393 10  92 64 63 22 40 80 78 34 00 25 32 32 68 49 30
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas, Oil, Operating supplies for boilers and engines,  Farm: — Bedding materials, Blacksmithing and supplies, Carriages, wagons and repairs, Dairy equipment and supplies, Fencing materials, Fertilizers, Grain, etc., Hay, Harnesses and repairs, Horses,	\$67,6 22,00 3: 6,99 11: 8: 66 33: 11: 1,55 22: 1,77 22,99 29,2	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 81 54 34 21 03 23 92 74 99,393 10  92 64 63 22 40 80 78 34 04 00 04 00 05 32 32 38 04 80 78 34 04 93 04 88 48 85
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas, Oil, Operating supplies for boilers and engines,  Farm: — Bedding materials, Blacksmithing and supplies, Carriages, wagons and repairs, Dairy equipment and supplies, Fencing materials, Fertilizers, Grain, etc., Hay, Harnesses and repairs, Horses,	\$67,6 22,00 3: 6,93 6,93 6: 15: 6: 33: 16: 17: 17: 22,90 17: 17: 17: 17: 17: 17: 17: 17:	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 81 54 34 21 33 23 92 74 99,393 10  92 64 63 22 40 80 78 34 04 00 25 32 25 32 32 68 49 30 48 85 90 00
Coal (bituminous), Freight and cartage, Coal (screenings), Freight and cartage, Coal (anthracite), Wood, Electricity, Gas, Oil, Operating supplies for boilers and engines,  Farm: — Bedding materials, Blacksmithing and supplies, Carriages, wagons and repairs, Dairy equipment and supplies, Fencing materials, Fertilizers, Grain, etc., Hay, Harnesses and repairs, Horses,	\$67,6 22,0 3: 6,9; 1: 86 30 \$6 1- 1,5 1,7 22,9; 9,2 1,00	23,921 07  47 15 51 29 61 28 21 73 39 93 60 00 81 54 34 21 33 23 92 74 99,393 10  92 64 63 22 40 80 78 34 04 00 25 32 32 68 49 30 48 85 00 00 96 46

Amounts brought forward, .					\$38,425	96	\$592,948	15
Farm — Con.								
Rent,					250	00		
Spraying materials,					119	15		
Stable and barn supplies, .					80	90		
Tools, implements, machines, etc					986	05		
Trees, vines, seeds, etc., .					1,287	71		
Veterinary services, supplies, etc					470			
Lime,					136			
				-			41,757	03
Garage, stable and grounds:—								
Motor vehicles					\$3,996	79		
Motor vehicles,					2,976			
Blacksmithing and supplies, .				Ċ	225			
Carriages, wagons and repairs,						70		
Fertilizers,					-	00		
					369			
					356		•	
Hay,					152			
Stable supplies,						16		
Tools, implements, machines, etc	3.,				58			
Trees, vines, seeds, etc.,	•				113			
Veterinary,		•			8	00	8,356	00
Repairs, ordinary: —					0050	0.0		
Brick,	•			•	\$272			
Cement, lime, crushed stone, etc	٠,				258			
Electrical work and supplies,	•				1,130			
					2,353			
Labor (not on pay roll), .					144			
Lumber, etc. (including finished					3,303			
Paint, oil, glass, etc.,					3,146			
Plumbing and supplies,					3,440			
Roofing and materials,					1,529	85		
Steam fittings and supplies, .					757	98		
Tents, awnings, etc.,					51	70		
					783	01		
					299	$41^{\circ}$		
					61	60		
Engines, repairs,					317	58		
				-			17,850	86
Repairs and renewals:								
Rental for use of sewerage system	n				\$2,400	00		
Boiler feed pump,	,			•	500			
Conning opporatus				•	629			
Laundry machinery		•			10.854			
Laundry machinery, Renovation of Wheeler cottage,					1,999			
renovation of wheeler cottage,		٠	•		1,559		16,383	84
Total expenses for maintenance	۵					-	\$677,295	
Total expenses for maintenance	c, .			•		•	ψ011,290	00

SPECIAL APPROPRIATIONS.	
Balance Dec. 1, 1919,	\$16,107 96
Appropriations for current year,	41,758 72
Total,	\$57,866 68
Expended during the year,	
Reverting to treasury of Commonwealth, 1,218 85	
	32,992 25
Balance Nov. 30, 1920, carried to next year,	\$24,874 43
Resources and Liabilities.	
Resources.	
Cash on hand,	
November cash vouchers (paid from advance money):— Account of maintenance,	
72,907 82	
	\$77,000 00
Due from treasury of Commonwealth from available appropriations (October schedule, \$3,145.58; November schedule, \$56,897.86), .	60,043 44
	\$137,043 44
Liabilities.	
Schedule of November bills,	\$91,897 86
Schedule of October bills approved in December,	45,145 58
	\$137,043 44

### PER CAPITA.

During the year the average number of inmates has been 2,015.85. Total cost for maintenance, \$677,295.88. Equal to a weekly per capita cost of \$6.4612. Receipts from sales, \$3,397.46. Equal to a weekly per capita of \$0.0324. All other institution receipts, \$91,723.21.

Equal to a weekly per capita of, \$0.8750.

# Respectfully submitted,

# JESSIE M. D. HAMILTON,

Treasurer.

Examined and found correct as compared with the records in the office of the Auditor of the Commonwealth.

ALONZO B. COOK,

Auditor.

# STATEMENT OF FUNDS.

### Patients' Fund.

Balance on hand Nov. 30, 1919,	:
Interest,	
D ( 1 1	\$21,876 90
Refunded,	
Interest paid to State Treasurer, 328 43	
	12,536 33
	\$9,340 57
Investment.	•
Worcester County Institution for Savings, . \$2,000 00	,
Worcester Five Cents Savings Bank, 1,000 00	
Worcester Mechanics Savings Bank, 1,000 00	
Balance Worcester Bank and Trust Company, 5,206 61	
Cash on hand Dec. 1 1920,	
	\$9,340 57
Lewis Fund.	
Balance on hand Nov. 30, 1919, \$1,712 40	
T	
Income,	
Expended for vault rent, magazines, etc.,	111 00
Expended for value fone, magazines, etc.,	
	\$1,754 32
Investment.	
American Telephone and Telegraph Company	
collateral trust 4 per cent bond, \$926 36	
Worcester County Institution for Savings, . 49 44	
Fourth Liberty Loan bonds, 600 00	
Balance Worcester Bank and Trust Company, 178 52	
	\$1,754 32
Wheeler Fund.	
Balance on hand Nov. 30, 1919,	
Income, 608 41	26 777 71
Expended for entertainments, magazines, etc.,	\$6,777 71 238 71
Expended for entertainments, magazines, etc.,	200 /1
	\$6,539 00

-			
- 1	nves	$t_{\alpha \alpha}$	nm t
1:	luces	UIII	em

American Telephone and Telegraph Company			
collateral trust 4 per cent bond,	. \$712	50	
Worcester County Institution for Savings,	. 32	72	
Third Liberty Loan bonds,	. 4,000	00	
Fourth Liberty Loan bonds,	. 1,300	00	
Balance Worcester Bank & Trust Company,	. 493	78	
		\$6,539 0	0
Manson Fund.			
Balance on hand Nov. 30, 1919,	. \$1,162	24	
Income,			
,		\$1,367 9	8
Expended for entertainments,		. 20 0	00
		\$1,347 9	-
Investment.			
Worcester County Institution for Savings,	. \$90	37	
Fourth Liberty Loan bonds,	. 1,100	00	
Balance Worcester Bank and Trust Company	, 157	61	
		\$1,347 9	8

# Respectfully submitted,

# JESSIE M. D. HAMILTON,

Treasurer.

Nov. 30, 1920.

N. B.—The values assigned to the above securities are their respective purchase prices.



# STATISTICAL TABLES As adopted by American Medico-Psychological Association PRESCRIBED BY MASSACHUSETTS DEPARTMENT OF MENTAL DISEASES



### STATISTICAL TABLES.

### Table 1. — General Information.

1. Dat	e of op	ening as	an i	nstitution	$_{ m for}$	the	insane:	Jan.	18,	1833.
--------	---------	----------	------	------------	-------------	-----	---------	------	-----	-------

- 2. Type of institution: State.
- 3. Hospital plant: —

Value of l	hospital	property: —
------------	----------	-------------

Real estate including l	ouile	lings,			. :	\$2,566,006	96
Personal property,						$259,\!642$	18

/T3 - 4 - 1					00 007 040 14
Total, .					. \$2,825,649 14

Total acreage of hospital property, 589.16.

Acreage under cultivation during previous year, 205.75.

						Men.	Women.	Total.
						1	_	1
s,						7	1	8
						_		
						_	_	_
20						2	1	O
	s,	s, . 	s,	s,	s,	s,	s,	s,

### 5. Employees on pay roll (not including physicians): —

Graduate nurses,			-	10	10
Other nurses and attendants,			103	89	186
All other employees,			. 83	90	173
Total employees, .			186	183	369

Men. Women. Total.

6. Patients employed in industrial classes or in	Men.	Women.	Total.
general hospital work on date of report	304	374	768

0.	i deleties employed in	III	COULT	<i>a c</i>	100000	01	111			
	general hospital wor	k or	ı date	e of	repor	t,		394	374	768
7.	Patients in institution	on	date	of	repor	rt	(ex-			
	cluding paroles),							1,005	1,015	2,020

### Table 2, — Financial Statement.

See treasurer's report for data requested under this table.

Table 3.— Movement of Patient Population for the Year ending Sept. 30, 1920.

Females.  Females.  158			INSANE		TEMP	Темровану Сане.	JARE.	SANE,	SANE, VOLUNTARY	TARY.	Tot	Total on Books.	OKS.
1 1,168 49 1,071 84 2,230,33 1,766 1,095 1		Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
1.168 49 1.071.84 2.207 3 3.36 1.08 5.34 1.00 1.00 1.00 1.00 1.00 1.00 1.00 1.0	pt. 30, 1919,	966		1,871	1	1	1	-		67	997	876	1,873
in the state of th	utions for the insane,	213 63 276 196 1472		371 119 490 439 929 2.800	34 4 30	9-10-10-	36 11 14 41	11111	11111-	1111161	243 67 310 196 196 1,503	164 57 221 243 464 1,340	407 124 531 439 970 2,843
140 90 230 3	r: —	101 25 4 4		58 148 50 8 8	7 cc 9 cc 1	161701	7 6 18	1 1 1 1 1	11111	11111	32 104 31 17	3.950 3.950 3.950 3.950	65 153 56 26 39
ion 1,168 49 1,071.84 2,230.33 3.36 1.08 5.34 1.0 975 89 28.83 1.906.59 3.36 1.98 5.34 1.0 182.55 112.28 294.83	nge of status,	. 140 . 299 . 1,169		2,	e 1 55 €	1151	89 1 89	111=	111=	11167	143 - 331 1,172	$\begin{array}{c} 90 \\ - \\ 1,099 \end{array}$	233 - 572 2,271
Litutuon 975.86 930.73 1,906.59 3.36 1.98 5.34 1.0. 8.2 8.3 1.98 294.83	ata. n books during year,			2,230.33		1.98	5.34	1.00	1.00	2.00	1,162.85	1,074.82	2,237.67
994 973 1,967 2 - 929 837 1,766 2	thally in the institution family care,	975	930. 113.	1,906.59 28.91 294.83 16	3.36	1.98	5.34	1.00	1.00	2.00	980.22 .08 .182.55 6	933.71 28.83 112.28 10 55	1,913.93 28.91 294.83 16 16
-   -    601   89	ing in institution Sep	. 994 . 929 . 24	973 837 68 68	1,967 1,766 92 109	20211	1 1 1 1	010111	-11-	11	1112	997 931 24 42	974 838 68 68	1,971 1,769 92 110

25	16	3	4		63	1	1	1	1	1	1	67		207	
25	16	5	4	_	-	1	ı	ı	1	1	1	1		83	
1	1	1	ı		-	ı	1	ı	1	1	ı	_		124	_
1	1	ı	1		67	1	1	ı	1	1	1	C.I		1	_
ı	i	i	J		-	1	J	1	ı	1	ı	_		ı	_
1	1	1	ı		-	1	1	1	1	ı	1	-		1	
. 1	1	1	1		1	1	1	1	1	1	1	1		1	=
1	ı	1	1		1	1	1	1	,	1	ı	J		!	_
1	ł	1	ı		1	1	1	J	1	1	1	1		1	_
25	16	5	4		1	1	J	1	1	J	1	J		Ī	=
25	16	C	4		ı	ı	ı	ı	ı	1	ı	1		I	
1	ı	1	1		1	ı	1	1	1	1	ı	1		ı	_
Number of patients in family care Sept. 30, 1920,		rting,		n-insane patients or inmates in institution at	tion year,	sses,	rtes,	logical cases,	ties (not feeble-minded),	-minded cases (not epileptic),	le-minded epileptics,	er cases,	ersons given advice or treatment in out-patient de-	artment during year,	

 ${\it Table 4.-Nativity of First Admissions and of Parents of First Admissions.}$ 

	P.	ATIENT	s.	_	RENTS Male atient		OF	ARENT FEMA	LE
Nativity.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.
United States,	97	76	173	52	50	102	33	38	71
Albania, Austria, Canada, China, England, Frinland, France, Germany, Greece, Holland, Ireland, Italy, Poland, Portugal, Russia, Scotland, South America, Sweden, Syria, Turkey in Asia, Turkey in Europe, West Indies, Unascertained, Unascertained, Unascertained,	1 1 222 -6 4 4 -5 3 -9 8 5 3 16 2 1 1 8 1 1	1 21 - 3 2 - 3 2 - 25 4 3 1 - 5 - 1 1 - 1 1 - 1 1 - 1 1 - 1 1 1 1	1 2 43 - 9 6 - 8 8 3 - 44 12 8 4 25 5 3 1 11 1 1 1 1 8 8 2 2 2 193 5 5	1 3 28 4 1 1 8 8 3 3 - 39 8 5 4 4 16 6 3 - 6 1 1 8 8 1 1 1 149 12 3	1 3 29 1 7 4 4 8 3 1 366 8 5 5 4 4 16 4 7 7 1 8 8 1 1 1 148 155	266 577 2155 88 1166 61 775 160 188 322 77 132 221 166 22 227	1 31 7 2 2 4 4 - 388 5 3 3 1 9 9 1 7 7 - 1 1 1 1 1 1 1 1 4	1 25 - 6 2 2 - 4 37 5 3 3 1 9 9 3 - 7 - 1 1 1 105 15	75 10 6 2 18 4 - 75 10 6 2 18 4 - 14 - 2 2 2 2 29
Grand total,	213	158	371	213	213	426	158	158	316

Table 5. — Citizenship of First Admissions.

							Males.	Females.	Totals.
Citizens by birth,							97	76	173
Citizens by naturalization,				٠		-	11	9 1	20
Aliens, Citizenship unascertained,	٠	٠	•	•		.	64 41	25 48	89 89
onizenship unascertained,	•	•	•	•	•	.  -	41	40	- 69
Total,							213	158	371

Table 6. — Psychoses of First Admissions.

TABLE 0. 1 sychoses by 1 t	700 22					
Psychoses.	Males.	Females.	Totals.	Males.	Females.	Totals.
1. Traumatic, total,	· <u>·</u>	· i	i	-	1	1
(b) Traumatic constitution,	_		_			
(c) Post-traumatic mental enfeeblement (dementia),	_	-	_	1		
(d) Other types,	-	-	-	8	25	33
2. Senile, total, (a) Simple deterioration,	6	18	24			00
(b) Presbyophrenic type,	_	1	1			
(d) Depressed and agitated types,	2	1 5	7			
(f) Pre-senile type, (g) Other types, 3. With cerebral arteriosclerosis,	_	_	-			
3. With cerebral arteriosclerosis,				49 31	27	76
4. General paralysis,	: :	: :	: :	1	3 1	34 2 1
6. With Huntingdon's chorea,	: :	: :	: :	1 -	_	1 -
8. With other brain or nervous diseases, total.	· :		· <u>·</u>	-	-	-
(a) Cerebral embolism,	-	j -	-			
specined),	-		-			
(d) Multiple sclerosis,	_	_	_			
(f) Acute chorea,	_	_				
9. Alcoholic, total.	• -			14	-	14
(a) Pathological intoxication, (b) Delirium tremens,	1	-	1			
(c) Korsakow's psychosis,	2	_	2			
(e) Chronic hallucinosis,	3	- - -	3			
(f) Acute paranoid type,	5	] <u>-</u> -	5			
(h) Alcoholic deterioration,	3 -	_	3 -			
10. Due to drugs and other exogenous toxins, total,		. :		-	-	-
(a) Opium (and derivates), cocaine, bromides, chloral, etc., alone or combined (to be speci-						1
fied), (b) Metals, as lead, arsenic, etc. (to be specified), .	_	_	-			
(c) Gases (to be specified),	_	_	_			
11. With pellagra,	: :			1	1 8	1 9
(a) Delirium with infectious diseases, (b) Post-infectious psychosis,	-	6	6			
(c) Exhaustion delirium,	1 -	-	1 -			
(d) Delirium of unknown origin,	-	1	1			
<ul><li>(f) Diseases of the ductless glands,</li><li>(g) Other diseases or conditions (to be specified),</li></ul>	_	1	1			
13. Manic-depressive, total.	٠.			. 8	15	23
(a) Manic type,	5 3	10 5	15 8			
(c) Stuporous type,	_	_	_			
(e) Circular type,	-	_	_			
14. Involution melancholia,				3 63	12 36	15 99
15. Dementia præcox, total,	36	18	54	03	30	99
(a) Paranoid type,	10 16	12	$\frac{22}{17}$			
(d) Simple type,	1	5	6			
(e) Other types,				3	-	3

Table 6. — Psychoses of First Admissions — Concluded.

	Рѕусн	oses.						Moles	Males.	Females.		Totals.	Males.	Females.	Totals.
17. Epileptic, t	otic deteriora	tion,	:		:		:			. 2		2	3	3	6
(c) Other 18. Psychoneur	epile clouded s epileptic typ oses and neur	es (to es,	be tota	spec al.	ified)		:		3 -		:   .	4	2	6	8
(b) Psych	erical type, lasthenic type, lsthenic type, ty neuroses,	э,				:	:		1 1	2 2		3 3			
(e) Other	types, . opathic perso	nalit	v.	:		:			-				5	3 7	8
20. With ments 21. Undiagnose 22. Without ps	vehosis, total,				:	:	•					•	10 6 5	8 2	17 14 7
(b) Alcoh	osy, . olism, . addiction,			:	:	:			1 1 1	-		-			
(d) Psych (e) Ments	opathic person deficiency, s (syphilis),	nalit	у,						1	-   ]		1 5			
12.7	al,								-				213	158	371

Table 7. - Race of First Admissions classified with Reference to Psychoses.

Totals:   Tota
Tavumartic   Totals:   T
Tavumartic   Totals:   T
Tavumary
Traumary
Traumary
Psychoses   Totals
PSYCHOSES.  TRAUMATIC.  TRAUMATIC.  WITH  WITH  12   1   1   1   1   1   1   1   1   1
PSYCHOSES.  TRAUMATIC.  TRAUMATIC.  WITH  WITH  12   1   1   1   1   1   1   1   1   1
PSYCHOSES.  TRAUMATIC.  TRAUMATIC.  WITH  TRAUMATIC.  WITH  TOTALS.  SENIERAL  ARTERIA.  Discrepance.  Senies.  ARTERIA.  ARTERIA.  Males.  Pemales.  Totals.  Totals
Tradum   T
Tradum   T
PSYCHOSES  TRAUMATIC.  TRAUMATIC.  TRAUMATIC.  SENILES.  TOTALS.  SENILES.  SENILES.  ARTERIO.  1
TRAUMATIC.  1.2 TALUMATIC.  1.2 TALUMATIC.  1.3 TALUMATIC.  1.4 TALUMATIC.  1.5 TALUMATIC.  1.5 TALUMATIC.  1.6 TALUMATIC.  1.7 TALUMATIC.  1.7 TALUMATIC.  1.8 TALUMATIC.  1.8 TALUMATIC.  1.9 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.2 TALUMATIC.  1.3 TALUMATIC.  1.4 TALUMATIC.  1.5 TALUMATIC.  1.5 TALUMATIC.  1.6 TALUMATIC.  1.7 TALUMATIC.  1.7 TALUMATIC.  1.8 TALUMATIC.  1.8 TALUMATIC.  1.9 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.2 TALUMATIC.  1.3 TALUMATIC.  1.4 TALUMATIC.  1.4 TALUMATIC.  1.5 TALUMATIC.  1.6 TALUMATIC.  1.7 TALUMATIC.  1.7 TALUMATIC.  1.8 TALUMATIC.  1.8 TALUMATIC.  1.9 TALUMATIC.  1.1 TALUMATIC.  1.4 TALUMATIC.  1.5 TALUMATIC.  1.6 TALUMATIC.  1.7 TALUMATIC.  1.7 TALUMATIC.  1.8 TALUMATIC.  1.8 TALUMATIC.  1.9 TALUMATIC.  1.1 TALUMATIC.  1.
TRAUMATIC.  1.2 TALUMATIC.  1.2 TALUMATIC.  1.3 TALUMATIC.  1.4 TALUMATIC.  1.5 TALUMATIC.  1.5 TALUMATIC.  1.6 TALUMATIC.  1.7 TALUMATIC.  1.7 TALUMATIC.  1.8 TALUMATIC.  1.8 TALUMATIC.  1.9 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.2 TALUMATIC.  1.3 TALUMATIC.  1.4 TALUMATIC.  1.5 TALUMATIC.  1.5 TALUMATIC.  1.6 TALUMATIC.  1.7 TALUMATIC.  1.7 TALUMATIC.  1.8 TALUMATIC.  1.8 TALUMATIC.  1.9 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.2 TALUMATIC.  1.3 TALUMATIC.  1.4 TALUMATIC.  1.4 TALUMATIC.  1.5 TALUMATIC.  1.6 TALUMATIC.  1.7 TALUMATIC.  1.7 TALUMATIC.  1.8 TALUMATIC.  1.8 TALUMATIC.  1.9 TALUMATIC.  1.1 TALUMATIC.  1.4 TALUMATIC.  1.5 TALUMATIC.  1.6 TALUMATIC.  1.7 TALUMATIC.  1.7 TALUMATIC.  1.8 TALUMATIC.  1.8 TALUMATIC.  1.9 TALUMATIC.  1.1 TALUMATIC.  1.
TRAUMATIC.  TRAUMATIC.  TRAUMATIC.  1. 2
TRAUMATIC.  1.2 TALUMATIC.  1.2 TALUMATIC.  1.3 TALUMATIC.  1.4 TALUMATIC.  1.5 TALUMATIC.  1.5 TALUMATIC.  1.6 TALUMATIC.  1.7 TALUMATIC.  1.7 TALUMATIC.  1.8 TALUMATIC.  1.8 TALUMATIC.  1.8 TALUMATIC.  1.9 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.2 TALUMATIC.  1.3 TALUMATIC.  1.4 TALUMATIC.  1.5 TALUMATIC.  1.6 TALUMATIC.  1.7 TALUMATIC.  1.7 TALUMATIC.  1.8 TALUMATIC.  1.8 TALUMATIC.  1.9 TALUMATIC.  1.1 TALUMATIC.  1.
TRAUMATIC.  1.2 TALUMATIC.  1.2 TALUMATIC.  1.3 TALUMATIC.  1.4 TALUMATIC.  1.5 TALUMATIC.  1.5 TALUMATIC.  1.6 TALUMATIC.  1.7 TALUMATIC.  1.7 TALUMATIC.  1.8 TALUMATIC.  1.8 TALUMATIC.  1.8 TALUMATIC.  1.9 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.1 TALUMATIC.  1.2 TALUMATIC.  1.3 TALUMATIC.  1.4 TALUMATIC.  1.5 TALUMATIC.  1.6 TALUMATIC.  1.7 TALUMATIC.  1.7 TALUMATIC.  1.8 TALUMATIC.  1.8 TALUMATIC.  1.9 TALUMATIC.  1.1 TALUMATIC.  1.
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Tarentales. Tarent
Totales.  The state of the stat
7   Year   Totales   Total
7   Year   Totales   Total
7   Signor   1   1   1   1   1   1   1   1   1
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2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2
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RACE.
Black black in in in sec. in sec. in sec. in
RACE.  RACE. Albanian, Armenian, Armenian, Chinese, Chinese, Francish, Francish, Francish, Francish, Francish, Greman, Greek, Habbrew, Hish, Halbanian, Scotton, Scotton, Staron, Staron, Staron, Mixed, Macet unascertained Race unascertained Total,
Radrican (black), Arbanian, Arbanian, Bulgarian, English, Franch, German, Germen, Germen, German, Hirish, Hirish, Hallan, Hallan, Savonic, Syrian, West Ludish, West Ludish, West Ludish, Mixed, Race unascertai

Table 7.— Race of First Admissions classified with Reference to Psychoses — Concluded.

			1	
	UT.	Totals.		
	WITHOUT.	Females.		
	<b>≱</b>	Males.	111111101111111111111111111111111111111	20
	SED.	.sletoT	H	14
	UN- DIAGNOSED	Females.	1111141411164111111111111	∞
	DIA	Males.	-11111111111111111111111111111111111111	9
	DE-Y.	.slatoT	111111111111111111111111111111111111111	12
	WITH MENTAL DE- FICIENCY.	Females.		<b>!</b> ~
	MEN	Males.	111111111111111111111111111111111111111	10
	SY- HC	.sletoT	111111111111111111111111111111111111111	∞
	WITH PSY- CHOPATHIC PER- SONALITY.	Females.	11111-11111111111111111	62
	WIJ CHC I SON	Males.		rů
	. S. S.	Totals.		∞
	PSYCHO- NEUROSES AND NUEROSES.	Females.		9
OSES	PS NET	Males.	1111111-111111111111111	2
Psychoses.		Totals.	11111-11111011-111111001	9
Ã	BPILBPTIC.	Females.	1:::::=:::::=::::::::::::::::::::::::::	ಣ
	БРП	Males.	1111111111111	ಲ
	CA OID NS.	Totals.		ಣ
	PARANOIA DR PARANOID CONDIȚIONS.	Females.		(
	PARANOIA OR PARANOID CONDITIONS.	Males.	1 : 1 1 1 = 1   1   1 = 1   1 = 1   1   1	
		Totals.	0-5-10000-000540-4-5-1-51	66
	DEMENTIA PRÆCOX.	Females.	111111111111111111111111111111111111111	36
	DEM PR.	Males.	01-101-1001-	63
	A ON	Totals.		15
	INVOLUTION MEL- ANCHOLIA,	Females.	1111121411114141	12
	INVO	Males.	111111111111	ಣ
	V E.	Totals.	1111-121201-031101-111141	23
	MANIC-	Females.	1111141-110-0110-111101	15
	MANIC- DEPRESSIVE.	Males.	111144101411411111111111	œ
	. H			
	Racd.		ined	
	R		African (black), Abanian, Armenian, Bulgarian, Chinose, Brafish, French, French, German, German, Greck, Irish, Iri	Total,

Table 8. — Age of First Admissions classified with Reference to Principal Psychoses.

1		.slstoT	-1-6-1161164-6-16161	31
	40-45.	Females.	=	12
	4	Males.	1 1-0-1   10   1   -1 10-1   0     10	19
		Totals.	111101111011110111111111111111111111111	30
	35-40.	Females.	111111111111111111111111111111111111111	14
	, m	Males.		16
		Totals.	111101111111111101101111111111111111111	34
	30-35.	Females.	1	13
	, m	Males.	11101111-11111-10111	21
		Totals.	111-1111-1100-121001-	37
YEARS.	25-30.	Females.	111-111111-01-1-1-11	15
Α .	24	Males.	111111111111111111111111111111111111111	22
		Totals.	111111111111111111111111111111111111111	27
	20-25.	Females.		6
•	~	Males.	111111111111011011111011	18
		Totals.	11111111111101010010	21
	15-20.	Females.	111111111111111111111111111111111111111	9
		Males.	111111111111111111111111111111111111111	15
	15.	Totals.		1
	UNDER 15.	Females.		1
	ND	Males.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1
	i	Totals.	2000 2000 2000 2000 2000 2000 2000 200	371
	LOTAL.	Females.	2221 322 8 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	158
		Males.	1885. 10 m 1 m 2 m 2 m 2 m 1 m 1 m 1 m 2 m 2 m 2	213
			xins,	
			ases,	
		i i	s, dise	
		rs y choses.	rea, rea, rea, rea, read, read	
	\$	2	initis, increase in the control of t	
			arter arter systs, syph (don's mor, ann o and o and o and o and o and o and o arter system of the cox, or anno arthic lefticial objects).	
			(e, bral bral bral bral bral bral bral bral	
			Traumatic, Senile. With creebral arteriosclerosis, General paralysis, General paralysis, With hutingdon's chorea, With brain tumor. With brain tumor. With brain cornerous diseases, Alcoholic. Due to drugs and other exogenous toxins With plangra. With plangra. With plangra. With pellagra. Faranoia or paramoid condition, Epileptic. Faranoia or paramoid condition, Epileptic. With psychopathic personality. With psychopathic personality. Undiagnosed. Withlout psychosis,	Total,
			Trau  With	Tot
1			1.9%.4.7.6.7.8.2.0.1.2.2.4.7.6.1.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9	

Table 8. - Age of First Admissions classified with Reference to Principal Psychoses - Concluded.

	80.	Totals.		- 55
	очен 80.	Females.		12
		Males.		10
	_	Totals.	186-1111-11-111-111-11	17
	75-80.	Females.	1.6-11111111111111111111111111111111111	
		Males.	10011111111111111	10
	Ī.	Totals.	152111111111111111111111111111111111111	59
	70-75.	Females.	16-20-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	16
	7	Males.	1181111111111111111	13
		Totals.		12
	65-70.	Females.	1100111111111111111	4
	19	Males.	149411111111111111111	œ
YEARS		Totals.	100001111111111111111111111111111111111	30
7	60-65.	Females.	11111111111111	13
	99	Males.	1120111111111111111111111111	17
		Totals.	1   0100   1   1   1   1   1000   1   1   1   4	16
	55-60.	Females.	11-11111110011111101	00
	55	Males.	11-001111-1111111111	œ
		Totals.	1   45   -     0       - 0 0 0   - 0     - 0	- 33
	50-55.	Females.	-	17
	50	Males.	1186111011101111111	16
		Totals.	1189=111=118458111=4=	32
	45-50	Females.	11111111	12
	45	Males.		50
			:	
			ø.	
			sclerosis, horen, horen, ler exogenous toxins, ler exogenous toxins, lisa, condition, neuroses, neuroses,	
			Traumatic, Senile, Senile, General paralysis, General paralysis, General paralysis, With cerebral styphilis, With Juntingdon's chora, With Juntingdon's chora, With Juntingdon's chora, With other brain or nervous diseases, Alcoholic, Anti-ordarion melancholia, Involution melancholia, Paranoia or paranoid condition, Epilephic, Paranoia or paranoid condition, Epilephic, Sychonomosa and neuroses, With psychopathic personality, Undiagnosed, Undiagnosed, With nortal deficiency, Undiagnosed,	
		SYCHOSES	is,	
		коно	iclerosis, horea, horea, nervous di ner exogen iscases, lia, condition reuroses, reuroses,	
		s. D	is, oscletalis, oscletalis, oscletalis, oscletalis, oscletalis, oscilia, os	
			tteri is, np, nor, n or nd o atie e, which anoi anoi anoi hice ficieic	
			1. Traumatic, 2. Senile. 3. Senile. 3. With cerebral arteriosclerosis, 4. General paralysis, 5. With cerebral sypbilis, 6. With Huntingdan's choren, 7. With brint tumor, 8. With other brain or nervous dis 9. Alcoholic, 10. Due to drugs and other exogen, 11. With pellagra, 12. With other sonatic diseases, 13. Mante-depressive, 14. Involution melancholit, 15. Dementin precox, 16. Paranoia or paranoid condition 17. Epileptic, 18. Psychoneuroses and neuroses, 19. With psychopathic personality, 21. Undiagnosed, 22. Without psychosis,	٠
			ic,  ebra  ebra  ebra  ebra  init  i	
			mat mat mat cer cer ral cer cer ral cer	Total,
			Traumatic, Sanile, Ganile, Ganile, Ganile, Ganeral paralya General paralya Mirih cerebral sa Mirih cerebral sa Mirih chen bra Mirih other bra Mirih peliagra, Mirih peliagra, Wirth other son Mirih peliagra, Wirth other son Dementia prec Paranoia or pat Epileptic, Saychoneuroses Wirth mertal da Wirth mertal da Wirth mertal da Wirth mertal da Unidiagnosed.	Tot

Table 9.— Degree of Education of First Admissions classified with Reference to Psychoses.

.	Totals.		30
Unascer- tained.	Females.	1 00 m   1   1   1   1   1   1   1   1   1	16
P 5	Males.	100   41	14
ы́	Totals.	11-011111111101111	7
College.	Females.	11-11-11-11-11-11-11-11-11-11-11-11-11-	2
ప	Males.	111001111111111111111111111111111111111	10
	Totals.	1-20-11111-00-01-01-11	40
Нісн Ѕснооц.	Females.		18
[ w	Males.	11466-111111-18111111	22
7 :	Totals.	1941   1904   1004   1001   1004 	199
Common School.	Females.	1100011111101000100041	87
Ϋ́	Males.	170 011 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	112
QV .	Totals.	-0.0011114110000011	74
READS AND WRITES.	Females.	-001111111110100-11-10-11	22
RE,	Males.	1   90   1   1   4   1   1   2   2   1   1   1   2   2   1   1	52
TE.	Totals.	100-1       1-1	21
ILLITERATE.	Females.	180-1111111	23
In	Males.	[][=][][=][][=][][	œ
	Totals.	188 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8	371
Total.	Females.	252 272 272 272 272 273 274 275 275 275 275 275 275 275 275 275 275	158
	Males.	13.13.45.88.1 10.10.23.33.38.1 10.10.25.33.33.88.1	213
			•
		ns,	•
		Fraumatic,  Soulie With cerebral arterioselerosis, General paralysis, With herebral syrphilis, With herain tumor, With herain tumor, With herain or nervous diseases, Alcoholic, Due to drugs and other exogenous toxins, With pellagra, With pellagra, With pellagra, With pellagra, With other somatic diseases, Hanie depressive, Paranois and paranoid conditions, Epileptic, Explicitudion melancholia, Demenita precox, Explicitudion melancholia, Demenita precox, With mental deficiency, With mental deficiency, With mental deficiency, With mental deficiency, Without psychosis,	
		iseas in the constant of the c	
	si S	sis,	
	Psychoses.	icrea i icrea icrea icrea icrea icrea icrea icrea icrea icrea icrea icre	
	SYCI	hilis s ch hilis s ch orth othi holi moic	
	Ĥ	arte ysis, syst, s	·
		oral nural; intral; in	٠
		natic all participants	ŗ,
		Fraumatic, Seuile, Seuile, With cerebral arteriosclerosis, General paralysis, With the rebral syphilis, With the rent of the result of the res	Total,
			`
11		1.9.8.4.7.6.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9.9	L

Table 10. — Environment of First Admissions classified with Reference to Principal Psychoses.

	Total.			URBAN.			RURAL.		UNASCERTAINED.	INED.
Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Totals.
 1 w & E = - 1 1 # 1 1 - w w & w w w w w o o o o	28 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	-255421   4   1   25525	178222222222222222222222222222222222222	- 64 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	12884011 1411088768030000747	1-0111111111001111110	100011111111111111111111111111111111111	14xx1111111111111111111111111111111111		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
213	158	371	202	151	353	Ξ	2	18	1	1

Table 11. — Economic Condition of First Admissions classified with Reference to Principal Psychoses.

Transmite,   Tra			•	
TOTAL.  DEPENDENT.  MARCINAL.  MARIONAL.  DEPENDENT.  MARIONAL.  MARIONAL.  DEPENDENT.  MARIONAL.  TOTALS.  MARIONAL.  MA	NED.	Totals.	111111111111111	-
TOTAL.  DEPENDENT.  MARCINAL.  MARCINAL.  DEPENDENT.  MARIE S.	CERTAL	Females.		-
TOSES.  TOTAL.  DEPENDENT.  MARGINAL.  TOTALS.	Unas	.səles.	11111111111111	-
TOSES.  TOTAL.  HOSES.  TOTAL.  TOTAL.  DEPENDENT.  MARICINAL.  TOTALS.  TO	LE.	Totals.	17 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	231
TOSES.  TOTAL.  HOSES.  TOTAL.  TOTAL.  DEPENDENT.  MARICINAL.  TOTALS.  TO	FORTAB	Females.	1271111112882	92
TOTAL.  HOSES.  TOTAL.  TOTAL.  DEPENDENT.  MARGINAL.  TOTAL.  TOTAL.  MARGINAL.  TOTAL.  TOTAL.  MARGINAL.  TOTAL.  DEPENDENT.  MARGINAL.  TOTAL.  TOTAL.  MARGINAL.  TOTAL.  TO	Сом	Males.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	136
TOSES.		Totals.	1054141110140004044004	112
TOSES.	ARGINAI	Females.	18501111114584114101601	54
TOPENDENT.  TOPEND	W.	Males.	[	58
TOORDS.  TOO	.ī.	Totals.		27
TOORDS.  TOO	PENDEN	Females.	w =	6
TOSES.  HOSES.  TOTAL.  TOTAL.  Tea.  Tea.  Tea.  Tea.  Totales.  Tea.  Totales.  Tea.  Totales.  Tea.  Totales.  Tea.  Totales.  Tea.  Totales.	DE	Males.	1000-11   1-11   1-14   1   1-1-0	18
Males.   M		.slstoT	18558 185481   4   10886088 D47	371
TIOSES.  Trea,  rea,  vous diseases,  exogenous toxins,  asses,  multitions,  arroses,	Total.	Females.	2827221 2827221 28272221 28272221 28272221	158
1. Traumatic, 2. Senile, 3. With cerebral arteriosclerosis, 4. General paralysis, 5. With neepen a syphilis, 6. With Huntingdon's chorea, 7. With brain tumor, 8. With order brain or nervous diseases, 9. Alcoholic, 10. Due to drugs and other exogenous toxins, 11. With pallagra, 12. With other somatic diseases, 13. Manie-depressive, 14. Involution melancholia, 15. Dementia pracox, 16. Paranoia or paranoid conditions, 17. Epileptic, 18. Rychonarnoses and neuroses, 19. With psychopathic personality, 20. With mental deficiency, 21. Uniquenesed, 22. Without psychosis, 22. Without psychosis,		Males.	18488888888888888888888888888888888888	213
1. Traumatic, 2. Senile, 3. With eerobral arteriosclerosis, 4. General paralysis, 5. With Genobral syphilis, 6. With Huntingdou's chorea, 7. With Parin tumor, 8. With of the brain or nervous diseases, 9. Alcohie, 10. Due to drugs and other exogenous toxins, 11. With pellagra, 12. With other somatic diseases, 13. Manic-depressive, 14. Involution melancholia, 15. Dementa pracox, 16. Paranoia or paranoid conditions, 17. Epileptic, 18. Psyclioneuroses and neuroses, 19. With mental deficiency, 20. With mental deficiency, 21. Undiagnosed, 22. Without psychosis, 7 Total,				
1. Traumatic. 2. Semile. 3. Semile. 3. With cerebral arteriosclerosis. 4. General paralysis. 5. With Cerebral syphilis. 6. With Huntingdon's chorea. 7. With brain tumor. 8. With ofter brain or nervous diseases, 9. Alcoholic. 9. Alcoholic. 10. Due to drugs and other exogenous toxins. 11. With pellagra. 12. With other somatic diseases. 13. Manic-depressive. 14. Involution melancholia. 15. Dementia pracox. 16. Demanoia or paranoid conditions, 17. Epileptic. 18. Exychoneuroses and neuroses. 19. With psychopathic personality. 20. Withmouth psychosis, 21. Without psychosis, 22. Without psychosis,				
1. Traumatic, 2. Senile, 3. With ecebral arteriosclerosis, 4. General paralysis, 5. With ecebral syphilis, 6. With Huntingdon's chorea, 7. With Parin thmor, 8. With often brain or nervous disease; 9. Alcoholic, 10. Due to drugs and other exogenous to the paralysis, 11. With pellagra, 12. With other somatic diseases, 13. Manic-depressive, 14. Involution melancholia, 15. Dementia purcox, 16. Peranoia or paranoid conditions, 17. Epileptic, 18. Psychoneuroses and neuroses, 18. Psychoneuroses and neuroses, 19. With mental deficiency, 20. With mental deficiency, 21. Undiagnosed, 22. Without psychosis,			s, oxine	
1. Traumatic, 2. Senile, 3. With cerebral arteriosclerosis, 4. General paralysis, 5. With herebral syphilis, 6. With Huntingdon's chorea, 7. With brain tunor, 8. Mich ofter brain or nervous dis 9. Alcoholic, 10. Due to drugs and other exogen 11. With pellagra, 12. With other somatic diseases, 13. Manic-depressive, 14. Involution melancholia, 15. Dementia pracox, 16. Paramoia or paranoid conditions 17. Epileptic, 18. Expelnoneuroses and neuroses, 19. With psychopathic personality, 20. Withmouth sychosis, 21. Without psychosis, 22. Without psychosis,			sease	
1. Traumatic, 2. Semile, 3. With cerebral arterioseleros 4. General paralysis, 5. With humingdon is chorea, 7. With humingdon is chorea, 7. With the brain or nervou 9. Alcoholic, 10. Due to druga and other ext 11. With other somatic disease 12. With other somatic disease 13. Maint-depressive, 14. Involution melancholia, 15. Dementia pracox, 16. Paranoia or paranoid condi 17. Epileptic, 18. Esychoneuroses and neuros 19. With psychopathic persona 20. With mental deficiency, 21. Undiagnosed, 22. Without psychosis,		SES.	sis, us dis ogen s, lity,	
1 Tranmatic, 2 Senile, 3 With cerebral arteriose; 4 Ceneral paralysis, 5 With herebral styphilis, 6 With Huntingdon's olf, 7 With brain thmor, 7 With brain thmor, 8 With other brain or ne 9 Alcoholic, 10 Due to drugs and othe 11 With pellagra, 12 With other somatic dissila Manie-depressive, 14 Involution melancholic, 15 Dementia pracox, 16 Peranoia or paranoid e 17 Epiloptic, 18 Psychonearroses and unity hypolographic per 18 With psychopathic per 19 With psychopathic per 20 Withmuth gaychosis, 21 Undiagnosed, 22 Without psychosis,		спо	deros: orea, orea, seases seases an, ondi	
1. Traumatic. 2. Semile. 3. With cerebral arie 4. General paralysis, 5. With Huntingdon 7. With brain tumor 7. With brain tumor 7. With other brain c 9. Alcoholic. 9. Alcoholic. 10. Due for brain c 9. Alcoholic. 11. With pellagra. 12. With other somati 3. Manic-depressive, 14. Involution melance 15. Dementia pracox, 16. De		Psr	riosc hilis, 's ch or ne othc e dis holii c oid c oid c	
1. Traumatic, 2. Semile, 3. With cerebral 4. General paral 5. With cerebral 6. With Hunting 7. With Prain th 8. With other by 9. Alcoholic, 10. Due to drugs 11. With pellagra 12. With other so 13. Manic-depres 14. Involution ma 15. Dementia pra 16. Pramotion or p. 17. Epileptic, 18. With newron 19. With psychop 20. With mental 21. Undiagnosed, 22. Without psyc.)			arte ysis, sypl gdon mor and mati sive, ccox, aran aran aran aran aran aran aran ara	•
1. Traumati 2. Senile, 3. With cere 4. General; 5. With cere 6. With oth 7. With problem 9. Alcoholie 11. With pell 11. With pell 11. With pell 12. With oth 12. With oth 13. Manic-de 14. Involution 16. Paranoia 17. Epileptic 18. Psychone 19. With			ic,	
1. Trau 2. Senil 3. With 4. Gen 5. With 5. With 6. With 10. Due 11. With 11. With 12. With 13. With 14. Invo 16. Part 17. Epil 18. With 17. Epil 18. With 19. With 22. With 22. With			mmat le. cer	tal,
1.22.24.75.04.20.12.22.44.75.04.22.22.22.22.22.22.22.22.22.22.22.22.22			Trau Senija	To

Table 12.— Use of Alcohol by First Admissions classified with Reference to Principal Psychoses.

YED.	Totals.	15544111   4111414   56111611	110
Unascertained.	Females.	108211111111111111111111111111111111111	30
Unas	Males.	100 100 100 100 100 100 100 100 100 100	08
re.	Totals.	110011111111111111111111111111111111111	22
INTEMPERATE.	Females.	11111111111	-
INT	Males.	1100111111111001111041	21
E.	Totals.	17,831	86
TEMPERATE.	Females.	H232H	28
TE	Males.	192211111111222	20
Т.	Totals.	200 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	141
ABSTINENT.	Lemales.		66
Ϋ́	Males.	1-60111111110161-000-4	42
	.slatoT	23.3.3.4.2.3.4.4.4.4.4.4.4.4.4.4.4.4.4.4	371
Total.	Lemales.	2222 2221 2221 2321 2321 2332 2332 2332	158
	Males.	18855	213
		s toxi	
	·SS	s, disea genou	٠
	Psychoses.	lerosii  Trous  Troug  Trous  Troug	•
	Psv	riosel hilis, 's che or nei othe le dissibilità l'holia	٠
		l arte lysis, l syp grdon rain o a and n, mati isive, iclan, celan, ses a ses a ses a ses a ses a ses a ses a shosis,	٠
		tie, cebra para cebra para cebra minin minin minin minin minin minin minin cebra ceb	
		Traumatic, Senile, With cerebral arteriosclerosis, General paralysis, With cerebral syrphilis, With Huntingdon's chorca, With brain tumor, With brain tumor, With brain tumor, Alcoholic, Boue to drugs and other exogenous toxins, With other somatic diseases, Mith other somatic diseases, Manic-depressive, Involution melancholia, Dementia præcox, Paranoia or paranoid conditions, Epileptic, Psychoneuroses and neuroses, With psychologathic personality, With mental deficiency, Undiagnosed, Undiagnosed,	Total,
		1.9%446.0.9%9.9%4.0.0.9%9.9%	

Table 13.— Marital Condition of First Admissions classified with Reference to Principal Psychoses.

<u>.</u>	Totals.	1-111111111111111111111	
UNASCER- TAINED.	Females.		ı
UN	Males.	I=11111111111111111111	-
Ď.	Totals.	110011111111	1
Дічовсер.	Females.	11-1111111-1111111	67
Dry	Males.	[1-01]	5
SD.	Totals.	11-11::::::::::::::::::::::::::::::::::	62
SEPARATED.	Females.	11-1111111111	67
SEP	Males.	111111111111111111111	
D.	Totals.	10.00	92
<b>W</b> троwер.	Females.	1921   1   1   1   1   1   1   1   1   1	4
Wı	Males.	180081111111111111111111111111111111111	29
i	Totals.	1822 110 100 100 100 100 100 100 100 100 1	147
MARRIED.	Females.	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	65
MA	Males.		82
.	Totals.	127221110112401222442	144
SINGLE.	Females.	142 1-11	48
202	Males.	119071111911171111111111111111111111111	96
	Totals.	1878 1804 11   1   1   1   1   1   1   1   1   1	371
TOTAL.	Females.	1252 2872 2011 2011 2011 2011 2011 2011 2011 20	158
	Males.	1	213
			•
		liseas da on ons, cons,	
	ES.		
	Рѕтсноѕеѕ	scier, is, is, hore her of hisea hia, hia, co id co id co ic, co,	
	Psr	is, is, philling, is, is, is, is, is, is, is, is, is, is	
		inal ar aral ar aral ar aral ar aral ar aral sy aral sy aral sy ara, ara, ara, ara, ara, ara, ara, ara	
		atic,  I passerbin the passerb	_,
		Tranmatic, Sanile, With cerbral arterioselerosis, With cerbral asyphilis, With thuringdon's chorea. With humingdon's chorea. With brain tumor, With other brain or nervous diseases, Alcoholic. Due to drugs and other exogenous toxins. With other somatic diseases, Manic-depresses, Manic-depresses, Involution melancholia, Demandantia precox, Epiloptic, Epiloptic, With mental deficiency, With mental deficiency, With mental deficiency, Undiagnosed, Without psychosis,	Total,
		1.22.8.4.6.6.1.9.9.9.9.9.9.7.7.8.8.9.9.9.9.9.9.9.9.9.9	

Table 14. — Psychoses of Readmissions.

1. Traumatic, total, (a) Traumatic delirium, (b) Traumatic constitution. (c) Post-traumatic mental enfeeblement (dementia). (d) Commitia).  2. Senike deterioration, (e) Presbyophrenic type, (f) Presbyophrenic type, (g) Depressed and agitated types, (g) Presenile type, (	Psychoses.	Males.	Females.	Totals.	Males.	Females.	Totals.
(c) Post-traumatic mental enfeeblement (demental and all of the deterior of the deterior at the content of the	1. Traumatic, total,				-	_	_
(c) Post-traumatic mental enfeeblement (demental and all of the deterior of the deterior at the content of the	(a) Traumatic delirium,	_	_	-			
(d) Other types. 2. Senile, total, (a) Simple deterioration, (b) Presbyophrenic type, (c) Delirious and confused types, (d) Depressed and agitated types, (e) Paranoid types, (f) Presemile type, (g) Presemil	(c) Post-traumatic mental enfeeblement (de-						
2. Senile, total, (a) Simple deterioration, (b) Presbyophrenic type, (c) Delirious and confused types, (d) Depressed and agitated types, (e) Delirious and confused types, (f) Depressed and agitated types, (g) Other type, (g) Other type, (g) Other types, (g) Other diseases (total, (g) Other diseases, (g) Other diseas	mentia),	_	_	_			
(b) Presbyophrenic type, (c) Dehrious and confused types, (d) Depressed and agitated types, (e) Paranoid types, (f) Pre-senile type, (g) Pre-senile type, (g) Pre-senile type, (h) Pre-senile type, (g) Pre-senile type, (g	2. Senile, total,				1	2 -	3
(c) Delirious and confused types,	(a) Simple deterioration,	_	2	2			
(c) Paranoid types, (f) Pre-senile type, (g) Other types, (g) Other diseases, total, (g) Other diseases, (g) Other diseases, (g) Other diseases, (g) Other types, (g) Other types, (g) Other types, (g) Other thereone to the specified), (g) Other types, (g) Other diseases, (g) Other types, (g) Other diseases, (g) Other types, (g) Other types, (g) Other diseases, (g) Other types, (g) Other diseases, (g) Other diseases	(c) Delirious and confused types,	-	-	-			
(g) Other types, (g) Other diseases, total, (g) Other diseases (to be specified), (g) Other types, (g) Other diseases, (g) Other disease	(d) Depressed and agitated types, (e) Paranoid types,	1	_	1			
3. With cerebral arteriosclerosis,	(1) Pre-senile type,	-	-	-			
4	(g) Other types,				2	2	4
6. With Huntingdon's chorea, 7. With brain tumor, 8. With other brain or nervous diseases, total, (a) Cerebral embolism, (b) Paralysis agitans, (c) Meningitis, tubercular or other forms (to be specified), (d) Multiple sclerosis, (e) Tabes dersalis, (f) Acute chorea, (a) Pathological intoxication, (a) Pathological intoxication, (b) Delirium tremens. (c) Pathological intoxication, (d) Pathological intoxication, (e) Chronic hallucinosis, (e) Chronic hallucinosis, (f) Acute paranoid type, (g) Chronic paranoid type, (g) Chronic paranoid type, (g) Chronic paranoid type, (g) Chronic paranoid type, (h) Alcoholic deterioration, (a) Optum (and derivatives), occaine, bromides, chloral, etc., alone or combined (to be specified), (g) Gases (to be specified), (g) Other types, (g) Chronic paranoid type, (g) Chronic parasonid type, (g) Chronic parasonid type, (g) Chronic parasonid type, (g) Chronic parasonid type, (h) Metals, as lead, arsenic, etc. (to be specified), (g) Gases (to be specified), (g) Other diseases, total, (g) Other disease	4. General paralysis,					-	4
7. With brain tumor, (a) Cerebral embolism, (b) Paralysis agittans, (c) Meningitis, tubercular or other forms (to be specified), (d) Multiple sclerosis, (e) Tabes dorsalis, (f) Acute chorea, (g) Other diseases (to be specified), (a) Pathological intoxication, (a) Pathological intoxication, (a) Pathological intoxication, (b) Delirium tremens, (c) Chronic hallucinosis, (d) Acute hallucinosis, (e) Chronic paranoid type, (f) Acute paranoid type, (g) Chronic paranoid type, (g) Chronic paranoid type, (h) Alcoholic deterioration, (i) Other types, acute or chronic, (d) Other characteristics, along or combined (to be specified), (d) Other expensous toxins (to be specified), (e) Gases (to be specified), (d) Other expensous toxins (to be specified), (e) Chronic paranoid type, (f) Chronic paranoid type, (g) Chronic paranoid type, (g) Chronic paranoid type, (h) Alcoholic deterioration, (g) Other types, acute or chronic, (h) Metals, as lead, arsenic, etc. (to be specified), (g) Other expensous toxins (to be specified), (g) Other expensous toxins (to be specified), (g) Other expensous toxins (to be specified), (g) Delirium with infectious diseases, (g) Delirium of unknown origin, (g) Cardiorenal diseases, (g) Other diseases or conditions (to be specified), (g) Other diseases, (g) Other di					_		_
(a) Cerebral embolism, (b) Paralysis agitans, (c) Meningitis, tubercular or other forms (to be specified), (d) Multiple sclerosis, (e) Tabes dorsalis, (f) Acute chorea, (g) Other diseases (to be specified), (g) Pathological intoxication, (g) Other diseases (to be specified), (e) Pathological intoxication, (f) Acute chorea, (g) Other diseases, (f) Acute chorea, (g) Other diseases, (g) Other expensive type, (g) Other types, (g) Other	7. With brain tumor,				- 1	-	-
(b) Paralysis agitans, (c) Meningitis, tubercular or other forms (to be specified), (d) Multiple sclerosis, (e) Tabes dorsalis, (f) Acute chorea, (g) Other diseases (to be specified), (e) Tabes dorsalis, (f) Acute chorea, (g) Other diseases (to be specified), (e) Korsakow's psychosis, (f) Acute hallucinosis, (g) Rathological intoxication, (g) Rathological intoxication, (g) Rathological intoxication, (g) Rorsakow's psychosis, (g) Chronic paranoid type, (g) Cheses (to be specified), (g) Other exogenous toxins (to be specified), (g) Other exogenous toxins (to be specified), (g) Cheses (to be specified), (g) Cheses (to be specified), (g) Chesi-infectious psychosis, (g) Exhaustion delirium, (g) Delirium with infectious diseases, (g) Other diseases or conditions (to be specified), (g) Cardiorenal diseases, (g) Other diseases or conditions (to be specified), (g) Cardiorenal diseases, (g) Other diseases or conditions (to be specified), (g) Chronic paranoid type, (g) Circular type, (g) Circular type, (g) Circular type, (g) Circular type, (g) Cher types, (h) Depressive type, (g) Cher types, (h) Charanoid type, (h) Cherentia paraeox, total, (a) Repleptic, total, (a) Epileptic deterioration, (b) Epileptic clouded states, (l) Lipid type, (l) Cherentia paranoid conditions, (l) Cherentia pa				· <u>·</u>	-	-	-
Specified	(b) Paralysis agitans,	-	-	-			
(d) Multiple sclerosis,		_	_	_			
(f) Acute chorea, (g) Other diseases (to be specified), (a) Pathological intoxication, (b) Delirium tremens, (c) Korsakow's psychosis, (d) Acute hallucinosis, (e) Chronic hallucinosis, (f) Acute paranoid type, (g) Chronic paranoid type, (g) Chronic paranoid type, (g) Chronic paranoid type, (g) Chronic paranoid type, (h) Alcoholic deterioration, (i) Other types, acute or chronic, (a) Opium (and derivatives), cocaine, bromides, chloral, etc., alone or combined (to be specified), (b) Metals, as lead, arsenic, etc. (to be specified), (c) Gases (to be specified), (d) Other exogenous toxins (to be specified), (e) Gases (to be specified), (f) Other exogenous toxins (to be specified), (g) Other diseases, total, (a) Delirium with infectious diseases, (b) Post-infectious psychosis, (c) Exhaustion delirium, (d) Delirium of unknown origin, (e) Cardiorenal diseases, (g) Other diseases or conditions (to be specified), (g) Other diseases or conditions (to be specified), (g) Other diseases or conditions (to be specified), (g) Other diseases, (g)	(d) Multiple sclerosis,	-	-	i - I			
(g) Other diseases (to be specified), (g) Alcoholic, total, (a) Pathological intoxication, (b) Delirium tremens, (c) Korsakow's psychosis, (d) Acute hallucinosis, (e) Chronic hallucinosis, (f) Acute paranoid type, (g) Chronic paranoid diseases, total, (g) Chronic paranoid diseases, (g) Chronic paranoid diseases, (g) Chronic paranoid diseases, (g) Chronic paranoid diseases, (g) Chronic paranoid disease, (g) Chronic paranoid disease, (g) Chronic paranoid type, (g) Chronic paranoid conditions, (g) Chronic paranoid type, (g) Chronic paranoid conditions, (g) Chronic paran	(e) Tabes dorsalis,	1					
(a) Pathological intoxication, (b) Delirium tremens, (c) Korsakow's psychosis, (d) Acute hallucinosis, (e) Chronic hallucinosis, (f) Acute paranoid type, (g) Chronic paranoid type, (h) Alcoholic deterioration, (g) Other types, (h) Manic-depressive, total, (g) Chronic paranoid type, (g) Chronic paranoid conditions, (g) Chronic paranoid conditions, (g) Chronic paranoid type, (g) Chronic paranoid type, (g) Chronic paranoid conditions, (g) Chronic paranoid conditions, (g) Chronic paranoid type, (g) Chronic paranoid conditions, (g		1		-			
(b) Delirium tremens. (c) Korsakow's psychosis,	9. Alcoholic, total,				5	-	5
(c) Rorsakow's psychosis, (d) Acute hallucinosis,	(b) Delirium tremens,	1		1			
(e) Chronic hallucinosis, (f) Acute paranoid type, (g) Chronic paranoid type, 1	(c) Korsakow's psychosis,	- 9	_	- 9		ľ	
(g) Chronic paranoid type, (h) Alcoholic deterioration, (i) Other types, acute or chronic, (i) Other types, acute or chronic, (i) Other types, acute or chronic, (i) Other types, (i) Other example or combined (to be specified), (i) Other symbol or combined (to be specified), (i) Other symbol or combined (to be specified), (i) Other diseases, total, (i) Other diseases or conditions (to be specified), (i) Other diseases or conditions (to be specified), (i) Other diseases or conditions (to be specified), (ii) Other diseases or conditions (to be specified), (ii) Other diseases or conditions (to be specified), (iii) Other diseases (total, (iii) Other diseases (total, (iii) Other diseases (total, (iii) Other diseases (total, (iii) Other diseases, (iii) Other	(e) Chronic hallucinosis,		_				
(h) Alcoholic deterioration, (i) Other types, acute or chronic, (i) Other types, acute or chronic, (i) Other types, acute or chronic, (ii) Other types, acute or chronic, (iii) Other types, acute or chronic, (iii) Other types, acute or chronic, (iii) Other types, (iii) Other exogenous toxins, total, (iii) Other exogenous toxins (to be specified), (iii) Other somatic diseases, total, (iii) Obelirium with infectious diseases, (iii) Obelirium of unknown origin, (iii) Other diseases or conditions (to be specified), (iii) Other diseases, (iii) Other diseases, (iii) Other type, (iii) Other type, (iii) Other type, (iii) Other types, (iii) Other type, (ii	(f) Acute paranoid type,	- 1		- 1			
(i) Other types, acute or chronic, (a) Opium (and derivatives), cocaine, bromides, chloral, etc., alone or combined (to be specified), (b) Metals, as lead, arsenic, etc. (to be specified), (c) Gases (to be specified), (d) Other exogenous toxins (to be specified), (a) Other exogenous toxins (to be specified), (a) Other exogenous toxins (to be specified), (b) Metals, as lead, arsenic, etc. (to be specified), (c) Gases (to be specified), (d) Other exogenous toxins (to be specified), (e) Other exogenous toxins (to be specified), (f) Dest-infectious psychosis, (g) Dest-infectious psychosis, (g) Exhaustion delirium, (g) Delirium of unknown origin, (g) Other diseases or conditions (to be specified), (g) Other diseases, (h) Other diseases,	(h) Alcoholic deterioration,		_				
chloral, etc., alone or combined (to be specified),  (b) Metals, as lead, arsenic, etc. (to be specified),  (c) Gases (to be specified),  (d) Other exogenous toxins (to be specified),  11. With pellagra,  (a) Delirium with infectious diseases,  (b) Post-infectious psychosis,  (c) Exhaustion delirium,  (d) Delirium of unknown origin,  (e) Cardiorenal diseases,  (f) Diseases of the ductless glands,  (g) Other diseases or conditions (to be specified),  13. Manic-depressive, total,  (a) Manic type,  (b) Depressive type,  (c) Stuporous type,  (d) Mixed type,  (e) Circular type,  (e) Circular type,  (f) Other types,  (g) Paranoid type,  (h) Depressive type,  (h) Circular type,  (h) Chert types,  (h) Depressive type,  (h) Circular type,  (h) Chert types,  (h) Chert types,  (h) Catatonic type,  (h) Epileptic total,  (h) Epileptic total,  (h) Epileptic clouded states,  (h) Epilep	(i) Other types, acute or chronic,	-	_	-			
chloral, etc., alone or combined (to be specified),  (b) Metals, as lead, arsenic, etc. (to be specified),  (c) Gases (to be specified),  (d) Other exogenous toxins (to be specified),  11. With pellagra,  (a) Delirium with infectious diseases,  (b) Post-infectious psychosis,  (c) Exhaustion delirium,  (d) Delirium of unknown origin,  (e) Cardiorenal diseases,  (f) Diseases of the ductless glands,  (g) Other diseases or conditions (to be specified),  13. Manic-depressive, total,  (a) Manic type,  (b) Depressive type,  (c) Stuporous type,  (d) Mixed type,  (e) Circular type,  (e) Circular type,  (f) Other types,  (g) Paranoid type,  (h) Depressive type,  (h) Circular type,  (h) Chert types,  (h) Depressive type,  (h) Circular type,  (h) Chert types,  (h) Chert types,  (h) Catatonic type,  (h) Epileptic total,  (h) Epileptic total,  (h) Epileptic clouded states,  (h) Epilep	(a) Opium (and derivatives), cocaine, bromides,				_	-	_
(b) Metals, as lead, arsenic, etc. (to be specified),	chloral, etc., alone or combined (to be speci-						
(c) Gases (to be specified), (d) Other exogenous toxins (to be specified),  11. With pellagra, 12. With other somatic diseases, total, (a) Delirium with infectious diseases, (b) Post-infectious psychosis, (c) Exhaustion delirium, (d) Delirium of unknown origin, (e) Cardiorenal diseases, (f) Diseases of the ductless glands, (g) Other diseases or conditions (to be specified), 13. Manic-depressive, total, (a) Manic type, (b) Depressive type, (c) Stuporous type, (d) Mixed type, (e) Circular type, (f) Other types, (g) Other types, (g) Other types, (h) Depressive type, (h) Circular type, (h) Circular type, (h) Circular type, (h) Chebephrenic type, (h) Catatonic type, (h) Catato	(b) Metals, as lead, arsenic, etc. (to be specified),	_	_				
11. With pellagra,	(c) Gases (to be specified),	-		-			
12. With other somatic diseases, total,  (a) Delirium with infectious diseases, (b) Post-infectious psychosis, (c) Exhaustion delirium, (d) Delirium of unknown origin, (e) Cardiorenal diseases, (f) Diseases of the ductless glands, (g) Other diseases or conditions (to be specified), (a) Manic-depressive, total, (a) Manic-type, (b) Depressive type, (c) Stuporous type, (d) Mixed type, (e) Circular type, (e) Circular type, (f) Other types, (g) Other types, (h) Depressive type, (h) Depressive	(a) Other exogenous toxins (to be specified),				_	_	_
(b) Post-infectious psychosis, (c) Exhaustion delirium, (d) Delirium of unknown origin, (e) Cardiorenal diseases, (f) Diseases of the ductless glands, (g) Other diseases or conditions (to be specified), (a) Manic-depressive, total, (a) Manic type, (b) Depressive type, (c) Stuporous type, (d) Mixed type, (e) Circular type, (f) Other types, (g) Other types, (g) Other types, (g) Other type, (h) Depressive type, (h) Mixed type, (h) Other types, (h) Other types, (h) Other types, (h) Catatonic type, (h) Cat	12. With other somatic diseases, total,				-	-	-
(c) Exhaustion delirium,	(a) Denrium with infectious diseases, (b) Post-infectious psychosis,	_	_	_			
(e) Cardiorenal diseases, (f) Diseases of the ductless glands, (g) Other diseases or conditions (to be specified), (a) Manic depressive, total, (a) Manic type, (b) Depressive type, (c) Stuporous type, (d) Mixed type, (e) Circular type, (f) Other types, (g) Circular type, (h) Catatonic type, (g) Catatonic type, (g) Circular type, (g) Circular type, (h) Catatonic type, (h) Cataton	(c) Exhaustion delirium,	-				į	
(f) Diseases of the ductless glands, (g) Other diseases or conditions (to be specified), (a) Manic-depressive, total, (a) Manic type, (b) Depressive type, (c) Stuporous type, (d) Mixed type, (e) Circular type, (f) Other types, (g) Circular type, (h) Catatonid type, (h) Catatonid type, (h) Catatonic type, (h) Catato	(a) Denrium of unknown origin,	_	-				
13. Manic-depressive, total,	(f) Diseases of the ductless glands,	-		-		-	
(a) Manic type, (b) Depressive type, (c) Stuporous type, (d) Mixed type, (e) Circular type, (f) Other types, (g) Other type, (h) Catatonic type, (g) Other types, (h) Other type, (h) Other types, (h) Other ty	13. Manic-depressive, total,		1		9	13	22
(c) Stuporous type, (d) Mixed type, (e) Circular type, (f) Other types, (g) Circular type, (g) Circular type, (h) Other types, (h) Circular type, (h) Catatonic type,	(a) Manie type,	7					
(d) Mixed type,			-	-	i I		
(f) Other types,	(d) Mixed type,	1		1			
14. Involution melancholia.	(e) Circular type,			_			
(a) Paranoid type,	14. Involution melancholia,						
(b) Catatonic type, (c) Hebephrenic type, (d) Simple type, (e) University (e) Other types, (e) Other types, (e) Other types, (e) Other types, (e) University	15. Dementia præcox, total,	21	15	36	35	25	60
(d) Simple type, (e) Other types, 1	(b) Catatonic type,	5	7	12			
(e) Other types.	(c) Hebephrenic type,		3				
17. Epileptic, total,	(e) Other types,	-	-	-			
(a) Epileptic deterioration,	10. Paranola or paranold conditions,		: :	: :	1	_	1
	(a) Epileptic deterioration,	-	-	-			-
	(c) Other epileptic types (to be specified).	1 -	_	1 -			

Table 14. — Psychoses of Readmissions — Concluded.

Psychoses.	Males.	Females.	Totals.	Males.	Females.	Totals.
18. Psychoneuroses and neuroses, total,  (a) Hysterical type, (b) Psychasthenic type, (c) Neurasthenic type, (d) Anxiety neuroses,	 -	1 1 1 1		_	3	3
(e) Other types, 19. With psychopathic personality, 20. With mental deficiency, 21. Undiagnosed, 22. Without psychosis, total, (a) Epilepsy, (b) Alcoholism, (c) Drug addiction, (d) Psychopathic personality, (e) Mental deficiency,	1	1	- - - - 1	1 - 3 1	2 2 1 1	3 2 4 2
(f) Others,	 			63	56	119

Table 15.—Discharges of Patients classified with Reference to Principal Psychoses and Condition on Discharge.

		Tc	TOTAL.		REC	<b>R</b> есоуекер.	ď	IM	Імркоуер.		UNI	Unimproved,	ED.	- ž	Nor Insane.	NE.
Psychoses.		Males.	Females.	Totals.	Males.	Females.	Totals.	Males.	Females.	.slstoT	Males.	Females.	.slstoT	Males.	Females.	Totals.
1. Traumatic, 2. Senile, 3. With cerebrial arteriosclerosis, 5. With cerebrial arteriosclerosis, 6. With cerebrial stybilis, 6. With brain tumor, 7. With brain tumor, 8. With other brain or nervous diseases, 9. Alcoloid. 10. Due to drugs and other exogenous toxins, 11. With pellagra, 12. With other somatic diseases, 13. Main-depressive, 14. Involution melanchola, 15. Epileptic psychoses, 16. Paramoia or paramoid conditions, 17. Epileptic psychoses, 18. Restromental deficiency, 20. With mental deficiency, 21. Undiagnosed, 22. Without psychosis,		100 4 8 8 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2		1.478801 1 1 82 1 1 0 25 0 2 2 4 4 7 2 2 0 5 2 2 4 4 7 2 2 0 5 2 2 4 4 7 2 2 5 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2		111111111111111111111111111111111111111	2,000	1-40-111511-0004-4-00001	[=][=][][][][][][][][][][][][][][][][][	ମଧ୍ୟମଧା     । । । । । । । ରହର କରିମ୍ୟମଧ୍ୟ ।	1-	1111111110140101011	101-011101110110010			1111111111111111111100
Total,	. 155	<u>                                     </u>	109	564	25	33	28	101	47	148	25	25	50	4	4	∞

Table 16. — Causes of Death of Patients classified with Reference to Principal Psychoses.

	GER IC SS.	rotals.	111111111111	
	WITH OTHER SOMATIC DISEASES.	Females.	11111111111	1 1 1 1 1
	WIT SI DI	Males.	111111111111	1 1 1 1 1
		Totals.	1111111111111	1=111
	АБСОПОБІС.	Females.	11111111111	11111
	ALC	Males.	111111111111	1 - 1 1 1
	ER SUS	Totals.	111111111111	111-1
	WITH OTHER BRAIN OR NERVOUS DISEASES.	Females.	11111111111	11111
	WITI B OR N	Males.		111=1
ri e	s, NC	Totals.	111111111111	11111
Psychoses.	WITH HUNTINGDON'S CHOREA.	Females.	* * *	11111
Psyc	HUNI	Males.	111111111111	11111
	GENERAL PARALYSIS.	Totals.	1110011111111	30
		Females.	11111111111	115011
		Males.	11100111111111	25
	CEREBRAL ARTERIO- SCLEROSIS.	Totals.	1-111111111	15-111.
		Females.	1-11111111111	1-111
		Males.	11111111111	1.20 1 1 1
		.slatoT		14,111
	SENILE.	Females.		. 11111
		Males.	11-111111111	1111
		Totals.	4-10001	12 30 2
	Females.		212111111111111	H470   02
		Males.	011000011111100	1 258 1
	CAUSE OF DEATH.		General Diseases, Influenza, Farela erysipelas, Tuberelosis of the lungs, Syphilis, Carcinoma of stomach, Carcinoma of finestines, Carcinoma of finestines, Carcinoma of eveum, Arthritis deformans, Gangrene of leg, Stanguladed inguinal hernia, Septicemin, Osteomyelitis,	Diseases of the Nervous System. Cerebral spinal meningitis, Cerebral homorrhage, General paralysis of the insane, Tabes dorsalis, Catatonic exhaustion,

Table 16.— Causes of Death of Patients classified with Reference to Principal Psychoses — Continued.

	S. S.	Totals.		111111	1 1	1 1
	WITH OTHER SOMATIC DISEASES,	Females.	111111111	111111	1 1	1 1
	WIT BC BIG	Males.	11111111	1111 11	t I	1.1
	:	Totals.	911111111	1-6-11	1 1	-1
	АБСОНОГІС.	Females.	1111111	1311 11	1 1	- 1
	ALC	Males.	111111111111111111111111111111111111111	1-01- 11	1 1	1 1
	ER US	Totals.	11111111	11111	1 1	1 1
	WITH OTHER BRAIN OR NERVOUS DISEASES.	Females.	11111111	111111	1 (	1 1
	WITH B OR N DIS	Males.	11111111	1111 11	1 )	1 1
s.	, z	Totals.	-1111111	1-11-11	1 1	1 1
CHOSI	WITH NTINGDO CHOREA.	Females.	1111111	111111	1 1	1 1
Psy	PSYCHOSES.  WITH  HUNTINGDON'S CHOREA.	Males.		1-11-11	1 1	1 1
	ا ن د	Totals.	1111111	1841 11	1 1	1.1
	GENERAL PARALSIS,	Females.	1111111	111111	1 1	1-1
	GE PAJ	Males.	1111111	161-11	1 1	1 1
		Totals.	1 1 1 20 20 20	1671 11	- 1	1 1
	CEREBRAL ARTERIO- SCLEROSIS	Females.	111-12-11	1001 11	<del></del> 1	1 1
	CEI	Males.	111112112	1941 11	1 1	1 1
		.slatoT	7 1 1 1 20 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 6 6 1 1 1	1 1	
	SENILE.	Females.	111-101-10	1470 I I I	1 1	
	SE	Males.	171117	164-1 11	1 1	1 1
		Totals.	14 14 14 15 17	1 22		co 67
	Тотаь.	Females.	1012	-==:	<del>п</del> ।	67 67
	T	Males.	30	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		- I
	CAUSE OF DEATH.		Discuses of the Circulatory System. Acute vegetative endocarditis, Chronic endocarditis, Acute myocarditis, Chronic myocarditis, Mrtal insulficiency, Arterioselerosis, Corebral arterioselerosis, Coronary selerosis and ocelusion, Cardiovascular-renal disease,	Discuss of the Respiratory System. Chronic bronchtisand myocarditis, Broncho-pneumonia, Chor pneumonia, Pulmonary odema, Pulmonary gaugene following broncho-pneumonia, Pulmonary enablism,	Empyema, Empyema following lobar pneu- monia,	Discuss of the Digestive System. Acute enteritis. Enterocolitis,

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1 1	1 1	1 1	1.1	1 1	1	1 1	
11	1 1	1 1	1 1	1 1	ı	-   -	
1 1	1 1	1 1	1 1	1 1	1	- 2	
1 1	1 1	i 1	1.1	1 1	1	1 1	
1 1	1 1	1 1	J J	1 1	1	1 2	
1 1	1 t	1 1	1 1	1 1	1	-   44	
1 1	1 1	1 1	1.1	1 1	1	7	
11	1 1	1.1	1 1	1 1	ı	37	
1 1	1 1	1.1	1 1	ı	1	55	
1 1	1 1	1 1	1-1	1	-	1 19	
1 1	1 1	1 1	1.1	ı	ı	36	
1.1	1 1	- 1	1	-	1	51	
1 1	1 1		1 =	-	ı	28	
1 1	1 1	1 3	1 1	!	1	1 83	
-12			-67	-	-	230	
	1 1		1 =	-	-	90	
1 23		1 1		1	1	1 40	_
Tubercular enteritis and pulmonary tuberculosis, Acute gastritis,	Intestina obstruction, une to vor- vulus. Acute peritonitis, due to perfora- tion of ileum,	Diseases of the Genitourinary System. Chronic interstitial nephritis. Pyelonephritis and myocarditis.	Accidents, Violence and Sudden Deaths. Suicide by hanging, Fracture of femur (accidental fall),	forehead),  Forehead),  Forehead by continuous and inference and inferen	tion of right arm, Laryngeal obstruction by bolus of	food —asphyxiation, Total.	

Table 16.—Causes of Death of Patients classified with Reference to Principal Psychoses — Concluded.

	SED.	Totals.		1 1 1 1 1	1 1 1 1 1 1
	AGNO	Females.	111111111111	11111	11111
	UNDIAGNOSED	Males.	1111-11111111	11111	11111
	TAL	Totals.		1-111	11111
	WITH MENTAL DEFICIENCY.	Females.	11111111111111	1-111	11111
	WITH	Males.		1 1 1 1 1	1 1-1 1 1 1
	HIC ITY.	Totals.	11-1111111111	11111	11111
	WITH PSYCHOPATHIC PERSONALITY.	Females.		11111	11111
	PSYCI	Males.	11-111111111	1 1 1 1 1	111111
	.c.	Totals.	111111111111	11111	1-1111
	EPILEPTIC.	Females.	111111111111	11111	11111
SES.	EPI	Males.	1111111111111	11111	1-1111
РусноѕЕв	A OID	Totals.	1111111111111	1-111	11111
	PARANOIA OR PARANOID CONDITIONS,	Females.	111111111111	1-111	11111
	PAI OR P CON	Males.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11111	11111
	Y .	Totals.	. =100===1=111	11116	11
	DEMENTIA PRÆCOX.	Females.	110111116666111	-1116	1-111-
	DEI	Males.	-, [  [ [ [ [ [ [ [ [ [	1 1 1 1 1	11-1-1
	ON LIA.	Totals.	11111111111	1-111	11-111
	INVOLUTION MELANCHOLIA.	Females.	111111111111	1 11 1 1	1 1 1 1 1
	INV	Males.	1111111111111	1 1 1 1 1	1 1 1 1 1
	Æ.	Totals.	-1-11-111111	11111	111-11
	MANIC- DEPRESSIVE,	Females.		1 1 1 1 1	111-11
<b> </b>  .	N	Males.	11-11-11-11-11-11	11111	11111
	Сарве ог Ввати.		General Diseases. Findluenza, Facial oryspicias. Tubereulosis of the lungs, Syphilis, Carcinoma of stomach, Carcinoma of intestines, Carcinoma of intestines, Carcinoma of cucuun, Arthritis deformans, Gangrene of leg. Strungulated inguinal hernia, Septicuenia, Ostcomyelitis,	Diseases of the Nervous System. Cerebral spinal meningitis, Cerebral hemorrhage, Georral paralysis of the insane, Tabes dorsalis, Catatonic exhaustion,	Diseases of the Circulatory System. Acute vegetative endocarditis, Chronic endocarditis, Acute mycearditis, Gloriorie myocarditis, Mitral insufficiency, Arterioselerosis,

1 1	1 1 1	1111	î l	1 1	1 1	1 1	1 [	1 1	ı	00
1 1	1 1 1 1	111 1	1 1	1 1 1	1 1	1 1	1 1	1 3	1	-
111	11-1	1111	1 1	1 1	1 1	1 1	1 1	i i	ı	2
11-	1111	1 1 1 1	1 1	1 1	1 1	1 1	1 1	1 1	ı	60
1 1	1 1 1 1	111.1	1 1	1 3	1 1	1 1	1 1	i i	ı	62
1 1 1	1111	1 1 1 1	1 3	J I	1 1	1 1	1.1	1 1	1	-
11-	1111	1111	1 1	1.1	1 1	1 1	1 1	1 1	1	67
1 1 1	1111	1111	1 1	1.1	1 1	1 1	1 1	1 1	ı	1
)   =	1111	1 1 4 1	1 1	1.1	i i	1 1	1.1	1 1	ı	22
11-	1-11	1 1 1 3	1.1	1 1	1 -	1.1	11	J I	1	4
11-	1111	111 1	1.1	1.1	1 1	1-1	1 1	1 1	ı	-
1 1 1	1 1 1	1 1 1 1	1 1	1 1	1 -	1 1	1 1	1 1	1	က
1 1 1	1-11	1 1 1 1	1 1	1.1	1 1	1 1	1.1	1 1	- 1	67
3 1 1	1-11	1 1 1 1	1 1	1 1	1 1	1 1	11	1 1	1	52
1.1.1	1111	1111	1 1	1 1	1 1	1 1	1.1	1 1	- 1	1
114	16041	-11 -	1 1	-62	<del>-</del> 1	1 =	1#	1 1	ı	36
11-	11611	111 1	1 1	<del></del>	1 1	1	1 1	i i	ı	16
1 1 00	10001	-11	1 1	1 67	т .	1 1	1	1 1	1	20
1 1 1	1 1 1 1	111 1	1 -	11	1 1	1 1	1.1	1 1	1	60
1 1 1	1 1 1 1	1 1 1 1	1 -	1.1	l J	1 1	1	1 1	ı	67
1 1 1	1 1 1 1	1 1 1 1	1 1	1 1	1 1	1 1	1 1	1 1	1	ı
1 1 64	1 00 1	1111	- 1	J I	1 1	1 1	- I	1 1	-	13
1 1 1	1871	111 1	1.1	1 1	1 1	1 1	1 1	1 1	-	∞
1161	1 1 1 1	1 1 1 1	- 1	1 1	1 1	1 1	<del>-</del> 1	1 1	1	5
Cerebral arteriosclerosis, Coronary sclerosis and occlusion, Cardiovascular-renal disease,	Diseases of the Respiratory System.  Chronic bronchitis and myocarditis,  ditis,  Protthe-preumonia,  Lobar pheumonia,  Pulmonary ædema,	Intundiary gaugene tottowing Pulmonary embolism, Empyema, Empyema following lobar pneu- nonia,	Diseases of the Digestive System. Acute enteritis, Enterocolitis,	Ē.	volvulus, Acute peritonicis, due to perfora- tion of ileum,	Diseases of the Genitourinary System. Chronic interstitial nephritis, . Pyelonephritis and myocarditis, .	Accidents, Violence and Sudden Deaths. Suicide by hanging. Fracture of fonur (accidental fall), Fracture of nasal bone (laceration)	Fractured ribs, contusion and infec- tion of right arm,	Laryngęai obstruction by bolus of food—asphyxiation,	Total,
CCC	Chr. Chr. Lobrida		Aeu. Ente	Tub na Acu	Aeu tic	Chr	Suic Frac Frac	F. F.	fo.	

Table 17. — Age of Paticuls at Time of Death classified with Reference to Principal Psychoses.

		Totals.	11-01111-1111001-111-1	10
	40-45.	Females.	111111111111111111111111111111111111111	2
		Males.	11-01111-1111-1-111-1	∞
		Totals.	111411111111111111111111111111111111111	21
	35-40.	Females.	1110111111110111111111	4
	ຶ	Males.	111811111111111111111111111111111111111	17
		Totals.	111011111111111111111111111111111111111	=
	30-35.	Females.	11101111111111111111	ಣ
	۳	Males.		∞
		Totals.	1:	ಣ
YEARS.	25-30.	Females.	1111111111111111111111111111	2
Y	7	Males.		-
		Totals.	1:111,111111111111111111111111111111111	4
	20-25.	Females.	1:1111111111111111111111111111111111111	4
	Ñ	Males.		1
		Totals.		t
	15-20.	Females.		1
	=	Males.		1
		Totals.		1
	UNDER 15.	Females.		1
	UNI	Males.		1
		Totals.	36 36 36 36 37 110 110 110 110 110 110 110 110 110 11	230
F. BORY	OF AL	Females.	1861111821188411811148	8
E	-	Males.	18918181819191919	140
		-		
			ses,	
	č	<u>.</u>		
	Descriptions	SOUS	ca, ca, ca, ca, ca, cases, cas	
	D	Est	iis, chor chor nerv nerv disca olia, di con neuv neuv neuv neuv neuv,	
			terricis, is, is, is, is, is, is, is, is, is,	•
			ral an ra	•
			atic, line of the response of	al,
			Traumatic, Senile, With ecebral arteriosclerosis, General paralysis, General paralysis, With cerebral syphilis, With brain tumor, With brain tumor, With brain tumor, With other brain or nervous diseases, Alcoholic, Due to drugs and other exogenous toxins, With other somatic diseases, Mandedepressive, Involution melancholia, Dementia præcox, Epileptic, Fsychonatria praecox, With psychopathic personality, With paral deficiency, Undagoosed, With psychopathic personality, Undagoosed, Without psychosis,	Total,
			21. UH PER	
1				

Table 17. — Age of Patients at Time of Death classified with Reference to Principal Psychoses — Concluded.

l	۱ ـ	Totals.		31
•	OVER 80.	Females.	141111111111111	15
	00	Males.	12-0-1111111111111111111111111111111111	16
		Totals.	146-11-11-11-11-11-11-11-11-11-11-11-11-11	24
	75-80.	Females.	19111111111111111111111111	∞
	-	Males.	100-11111111111111111111111111111111111	16
		Totals.	12011111211114111111	25
	70-75.	Females.	18011111-111-1-1111-11	12
	-	Males.	100-1111-1111001111111	13
		Totals.	1917	83
	65-70.	Females.	1002-1111111111111111111111111111111111	13
RS.	9	Males.	100411111111111111111111111111111111111	2
YEARS.		Totals.	[48]	31
	60-65.	Females.	[H0]	2
	<b>"</b>	Males.	100011110111410111111	21
		Totals.	140414114114401111111	17
	55-60.	Females.	Heel	6
	ræ	Males.	11-41-11-11-11-11-1	∞
		Totals.	1	19
	50-55.	Females.	111-11111111111111111111111111111111111	9
		Males.	11-01-1011111001111111	13
		Totals.		Ξ
	45-50.	Females.	1	C3
	,	Males.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	6
				•
				٠
				٠
	Psychoses.		xins,	
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	å	r T	rioscl nilis, s cho r ner othe: c diss c diss d dis d diss d dis d dis d dis d diss d dis d dis d dis d dis d dis d dis d dis d	
			arte ysis, sypl gdon' gdon' ann or, and mati siye, erox, aran arthic defici	
			ic, parallebral ebral mining in tu i	
			Praumatic, Senile, With cerebral arteriosclerosis, With cerebral syphilis, With Huntingdon's chorea, With Huntingdon's chorea, With Huntingdon cheea, With Huntingdon to nervous diseases, With Drain tumor, With ofther brain or nervous diseases, With pellagra. With ofther somatic diseases, Manic-depressiv. With other somatic diseases, Manic-depressiv. Dementia pracox, Dementia pracox, Epileptic, Epileptic, With mental deficiency,	Total,
			123.6.4.4.3.9.7.1.1.0.9.8.4.3.2.1.1.1.0.9.8.2.1.2.2.1.2.2.1.2.3.2.3.2.3.2.3.2.3.3.3.3	

Table 18. — Total Duration of Hospital Life of Patients dying in Hospital classified according to Psychoses.

		Totals.	118511111111116851	55
5-10.		Females.	14401111111114101111411	12
RS.		Males.	111111111141111	10
		Totals.	192911111111111111111111111111111111111	17
YEARS.	3-4.	Females.		9
¥		Males.	300-0113-11111011111111	Ξ
		Totals.	14001-11-11-13-81-11-11	52
	1-2.	Females.	[40]]]]]]]]]	10
		Males.	10801111111010111111	42
		Totals.	100011110111111111111111111111111111111	15
	8-12.	Females.	100-111111111111111	9
		Males.	[6999]]]]]]]]]]]	6
		Totals.	[0-0]]]]-[]]0]0]0]]	22
	4-7.	Females.	101-1111111-10111111	101
THS.		Males.		12
Months.		Totals.	) 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	36
1-3.	1-3.	Females.	100-1111111111	18
		Males.	100541111111111111111111111111111111111	18
	, r	Totals.	[10] [2] [1] [1] [1] [1] [2] [2] [2] [3] [4] [4] [4] [4] [4] [4] [4] [4] [4] [4	35
	LESS THAN 1.	Females.	] ### ]	12
	LESS	Males.	1-401111-111-101-111-1	23
	;	Totals.	1-10-4   1-1   1	230
Tee	7	Females.	1865-11110111-000-00-1110111	8
		Males.	201213131313131	140
				٠
Psychoses.				
			ascs	
			s,	
			crosi orea, ryous rexous asses, andit urosc	
Psy		2	riosel nilis, s ehe riosel othe c diss holia d ne did ne c nesy.	
			arte (1981), 1981,	
			ic, biral paral chral ch	
			Praumatic, Senile, With erebral arterioselensis, With erebral syphilis, With brain tumor, With huntingdon's chorea, With brain tumor, With brain on nervous diseases, Alcoholie, Due to drugs and other exogenous toxins With other somatic diseases, With other somatic diseases, With other somatic diseases, Manic-depressive, Involution melancholia, Dementin preson, Dementin preson, Epileptic, Epileptic, With mortal deficiency, Undragnosed,	Total,
				Τ
			128.4.7.5.7.10.9.8.7.4.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2.2	

Table 18. — Total Duration of Hospital Life of Patients dying in Hospital classified according to Psychoses — Concluded.

		Totals.	11-11-11-11-11-1-1-1-1-1-1-1-1-1-2
	45-50.	Females	1:011[1:11][1][1][1][1][1][1][0
] E	45	Males.	11111111111111111111111
		Totals.	
	40-45.	Females	
	40	Males.	1111111111111111111111
		Totals.	111111111111111111111111111111111111111
	35-40.	Females.	1111111111111111
	35	Males.	111111111111111111111111111111111111111
		Totals.	1-11111-111111111111
	30-35.	Females.	11111111111111111111
ss.	36	Males.	1-11111-111111111111 0
YEARS		Totals.	111111111111111111111111111111111111111
,	25-30.	Females.	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	74	Males.	
		Totals.	
	20-25.	Females.	111111111111111111111111111111111111111
	ត	Males.	11111111111111111111111
		Totals.	111111110111014111111
	15-20.	Females	111111111111111111111111111111111111111
	1	Males.	
		Totals.	1889-1111-1111-1-1-111-1111
	10-15.	Females.	[∅ □
	-	Males.	1-011111-111-1-11116-1
			xims,
			ases,
		SE SE	diseron
		FSYCHOSES.	rosis rea, rea, reaces reaces reaces reaces reaces
	٩	Z.	Traumatic, Senile, Senile, With cerbral arteriosclerosis, With cerebral syphilis, With brain tumor, With brain tumor, With brain tumor, With brain tumor, With other brain or nervous diseases, Alcoholic, Due to drugs and other exogenous toxins, With other brain or nervous diseases, Due to drugs and other exogenous toxins, With pellagra, With prelagra, Min prelagra, Fapicologic, Ballegra, Fapicologic, Ballegra, With psychopathic personality, With mental deficiency, Undiagnosed, With psychopathic personality, With mental deficiency, Undiagnosed, Total,
			arter ysis, syph don's syph don's syph don's and and and and ive, ive, in the cox, irance is an athic lefter it is a an athic lefter it is an athic lefter it is an athic lefter it is it is an athic lefter it is it is an athic lefter it is it is it is an athic lefter it is it is it is an athic lefter it is
			c, c, c, bral bral bral thing in thing in the bra
			Traumatic, Senile With cerebral arterioseld General paralysis, With cerebral styphilis, With cerebral styphilis, With Puningdon's ero With other brain or ner Alcoholic, Due to divugs and other With pellagra, With pellagra, With other somatic dise With oper somatic dise With other somatic dise With other somatic dise With opercessive. Involution melancholia Dementia precox, Branoia or paranoid or Epilegra, With perchopathic pers With mental deficiency, Undiagnosed, Undiagnosed, Undiagnosed, Total,
			ESSOUND VERNER HERE NO PA
			222.22.22.22.22.22.22.22.22.22.22.22.22

Table 19. — Family-care Department.

		Males.	Females.	Totals
Remaining Sept. 30, 1919,		1	34	35
Admitted within the year,		-	12	12
Nominally returned from visit for discharge, .		-	-	
Whole number of cases within the year,		1	46	47
Dismissed within the year,		1	21	22
Returned to the institution,		1	19	20
Discharged,		-	-	_
Died,		<b>-</b>	_	_
Visit,		-	2	2
Escaped,		_	-	
Remaining Sept. 30, 1920,		_	25	25
Supported by the State,		-	16	16
Private,		-	4	4
Self-supporting,		_	5	5
Number of different persons within the year, .		1	44	45
Number of different persons admitted,		1	12	13
Number of different persons dismissed,		1	18	19
Daily average number,	.	.08	28.83	28.91
State,		.08	20.74	20.82
Private,		-	4.67	4.67
Self-supporting,		-	3.42	3.42

